HCD-D560/N350/N350K

SERVICE MANUAL

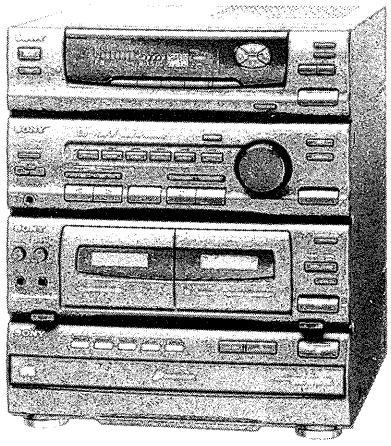


Photo : HCD-N350K

US Model
HCD-D560
Canadian Model
AEP Model
UK Model
Australian Model
PX Model
HCD-N350
E Model
HCD-N350/N350K

These set are the tuner, deck, CD and amplifer section in LBT-D560, LBT-N350, LBT-N350K and LBT-N350P.

CD SECTION	Model Name Using Similar Mechanism	HCD-D260/N250
	Base Unit Type	BU-5BD19
	Optical Pick-up Type	KSS-213BA
TAPE DECK SECTION	Model Name Using Similar Mechanism	HCD-C33
	Tape Transport Mechanism Type	TCM-220WR2

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS
(US and Canadian models)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 8 ohm loads, both channels driven, from 70–20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.9 % total harmonic distortion from 250 millwatts to rated output.

CD player section
System Compact disc digital audio system
Laser — Semiconductor laser
Wavelength — 780–790nm

Tuner section
FM stereo, FM/AM superheterodyne tuner

FM tuner section
Tuning range — 87.5–108.0 MHz
Antenna — FM wire antenna
Antenna terminals — 75 ohm unbalanced
Intermediate frequency — 10.7 MHz

— Continued on next page —

使用時は添付資料も参照のこと
Refer to the additional documents.

COMPACT DISC DECK RECEIVER

SONY®

AM tuner section

Tuning range

US and Canadiam models:

AM: 530–1,710 kHz (with the tuning interval set at 10 kHz)
531–1,602 kHz (with the tuning interval set at 9 kHz)

Latin American models:

AM: 530–1,710 kHz (with the tuning interval set at 10 kHz)

Middle Eastern model:

MW: 531–1,602 kHz (with the tuning interval set at 9 kHz)
SW: 5.95–17.90 kHz

German and Italian models:

AM: 531–1,602 kHz

Other European models:

MW: 531–1,602 kHz
LW: 153–279 kHz (with the tuning interval set at 3 kHz)

Other models:

AM: 531–1,602 kHz (with the tuning interval set at 9 kHz)

Antenna: AM loop antenna
External antenna terminals

Intermediate frequency: 450 kHz

Casette deck section

Recording system: 4-track 2-channel stereo

Frequency response

US, Canadian, AEP, UK, German and Italian models:

(DOLBY NR OFF)
40–13,000 Hz (± 3 dB), using Sony TYPE I cassette
40–14,000 Hz (± 3 dB), using Sony TYPE II cassette

Other models:

40–13,000 Hz (± 3 dB), using TYPE I cassette (Sony HF-S)
40–14,000 Hz (± 3 dB), using TYPE II cassette (Sony UX-S)

Wow and flutter
± 0.15% W.Peak (IEC)
0.1% W.RMS (NAB)
± 0.2% W.Peak (DIN)

Amplifier section

US and Canadian models:

Continuous RMS power output: 100 W+100 W, (8 ohms at 70–20,000 Hz, 0.9% THD)

European models:

Continuous RMS power output:
30 W+30 W, (6 ohms at 1 kHz, DIN)
35 W+35 W, (6 ohms at 1 kHz, 5% THD)

Other models:

Peak music power output
800 W (For Singapore, Malaysia and Mexico, 4 speakers driven)
1000 W (For other countries, 4 speakers driven)

Continuous RMS power output: 60 W+60 W (6 ohms at 1 kHz, 5% THD)

Inputs

PHONO (phono jack): Sensitivity 3 mV, impedance 47 kilohms

VIDEO (phono jack): Sensitivity 300 mV, impedance 47 kilohms

MC 1, 2 (phono jack) (for LBT-N350K only): Sensitivity 1 mV, impedance 10 kilohms

Outputs

PHONES (phono jack): accept headphones of 8 ohms or more.

SPEAKER:

US and Canadian models: accept impedance of 8 to 16 ohms.

Other models: accept impedance of 6 to 16 ohms.

SURROUND SPEAKER:

(Except US and Canadian models)
Accept impedance of 16 ohms.
(For Singapore, Malaysia, Mexico and European countries)
Accept impedance of 8 to 16 ohms.
(For other countries)

General

Power requirements

US and Canadian models: 120 V AC, 60 Hz

European models: 220–230 V AC, 50/60 Hz

Australian model: 220–240 V AC, 50/60 Hz

Malaysian model: 220–240 V AC, 50/60 Hz

Mexican model: 120 V AC, 50/60 Hz

Other models: 110–120 V or 220–240 V AC adjustable, 50/60 Hz

Power consumption

US and Canadian models: 195W

European models: 105W

Other models: 180W

Dimensions: Approx. 355 × 425 × 405 mm (14 × 16 3/4 × 16 inches) (w/h/d) incl. projecting parts and controls

Mass

US and Canadian models: Approx. 12.0 kg (26 lb 7 oz)

European models: Approx. 10.6 kg

Other models: Approx. 12.2 kg

DANGER	DANGER
INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED. AVOID DIRECT EXPOSURE TO BEAM.	RADIATION DE LESER INVISIBLE LORS D'OUVERTURE, AVEC L'ENCLENCHEMENT DE SECURITE ANNULE. EVITER L'EXPOSITION DIRECTE AU RAYON.

This caution label is located inside of the unit.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

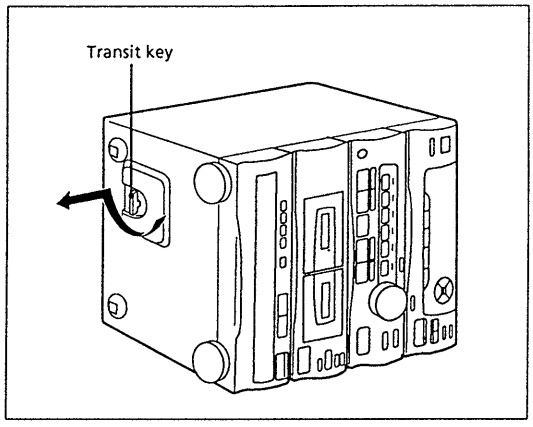
CAUTION	: INVISIBLE LASER RADIATION WHEN OPEN AVOID EXPOSURE TO BEAM
ADVARSEL	: USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION UNDGÅ UDSÆTTELSE FOR STRÅLING
VARO!	: AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA LASERSATEILYLLE.
VARNING	: LASERSTRALING NAR DENNA DEL AR OPPNAD OCH SPARREN AR URXOPPLAD
ADVARSEL	: USYNLIG LASERSTRALING NAR DEKSEL APNES UNNGA EKSPONERING FOR STRALEN

This caution label is located inside the unit.

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and double-D symbol ⊡⊡ are trademarks of Dolby Laboratories Licensing Corporation.

Before operating the unit

Remove the transit key on the bottom of the unit by following the instructions on the label, and keep it in a safe place.
The transit key protects the optical system against shock during transportation.



To re-install the transit key when transporting the unit

1 Remove all CDs.
2 Press ⏏ OPEN/CLOSE to close the disc tray and confirm that "ᘐ (or ᘐ, ᘐ ...)" has disappeared from the display.
3 Turn off the power.
4 Insert the transit key into its hole to lock.

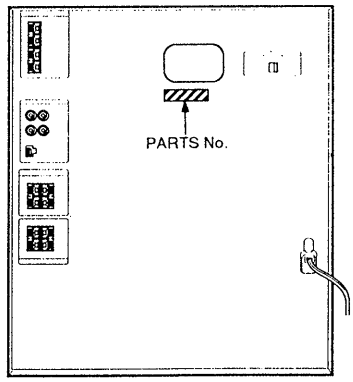
Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor ofthe circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

MODEL IDENTIFICATION
— BACK PANEL —



	PARTS NO.
D560 : US Model	4-969-795-0□
N350 : Canadian Model	4-969-795-1□
N350 : AEP 2 Model	4-969-795-3□
N350 : AEP 1 Model	4-969-795-5□
N350 : German Model	4-969-795-6□
N350 : Italian Model	4-969-795-7□
N350 : UK Model	4-969-795-8□
N350 : E2 Model	4-970-165-0□
N350 : Mexican Model	4-970-165-1□
N350 : E3, Argentine Model	4-970-165-2□
N350 : Australian Model	4-970-165-3□
N350 : PX Model	4-970-165-4□
N350K : Saudi Arabia Model	4-970-165-5□
N350K : E Model	4-970-165-6□
N350K : Malaysia Model	4-970-165-7□
N350K : Singapore Model	4-970-165-8□

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

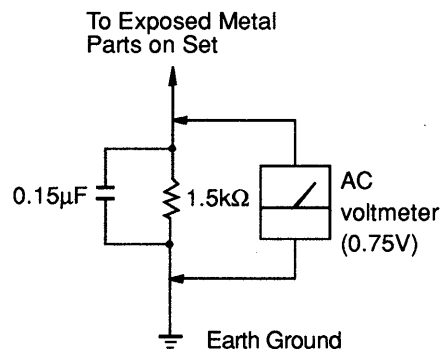


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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SECTION 1

SERVICING NOTE

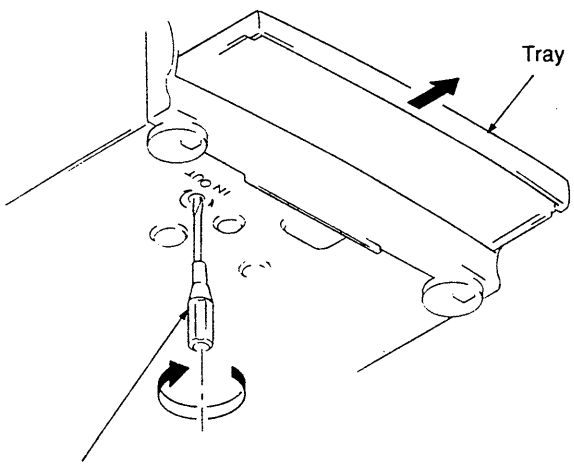
NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

HOW TO OPEN THE DISC TRAY WHEN POWER SWITCH TURNS OFF



Insert a tapering driver into the aperture of the unit bottom, and turn in the direction of arrow (to OUT direction).

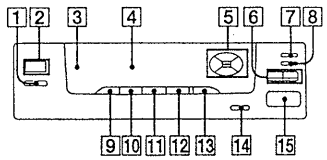
* To close the disc tray, turn the driver in the reverse direction (to IN direction).

Index to Parts and Controls

Refer to the pages indicated in parentheses for details on how to use the controls.

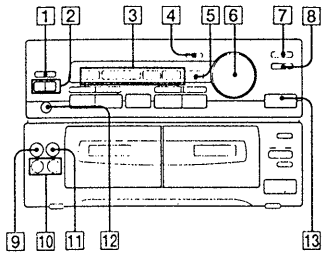
Front Panel

Tuner section



1 SLEEP button (19)
2 SYSTEM POWER switch (19)
3 Remote sensor
4 Display window (24)
5 CURSOR CONTROL buttons (6, 18, 19, 20)
6 TUNING (+/–) buttons (10, 20)
7 TUNING MEMORY button (11)
8 TUNING MODE button (10, 20)
9 TIMER SET button (19)
10 DAILY button (19)
11 REC button (20)
12 CLOCK SET button (6)
13 ENTER/NEXT button (6, 19)
14 DISPLAY button (6, 8,18)
15 TUNER/BAND button (10, 15)

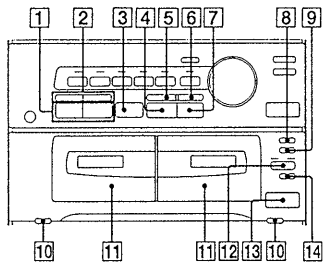
Amplifier section



1 KARAOKE PON/MPX button* (22)
2 KEY CONTROL buttons* (22)
3 Preset equalizer setting buttons (18)
4 EQ MEMORY button (19)
5 P.FILE button (19)
6 VOLUME control (8, 18, 21)
7 DBFB button (18)
8 SURROUND button (19)
9 MIC LEVEL Control* (21)
10 MIC jacks* (21)
11 ECHO LEVEL Control* (21)
12 PHONES jack (18, 22)
13 FUNCTION button (8, 13, 21)

* For LBT-N350K only

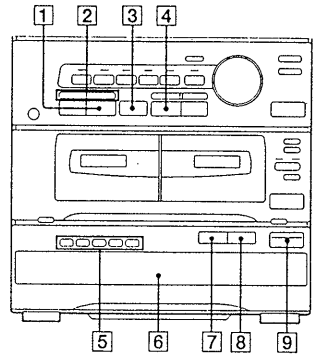
Tape player section



1 ▷ (front side play)
◁ (reverse side play) buttons (12)
2 ▶▶ (fast rightward)
◀◀ (fast leftward) buttons (12)
3 ■ (stop) button (12)
4 ▯▯ (pause) button (deck B only) (12)
5 HIGH SPEED DUBBING button (16)
6 CD SYNCRO button (13)
7 ● REC button (deck B only) (13)
8 DIRECTION MODE button (12)
9 DOLBY NR selector (12)*
10 EJECT button (12)
11 Cassette compartments (12)
12 DECK SELECT button (12)
13 TAPE button (12)
14 ◀◀ TAPE REWIND button (12)

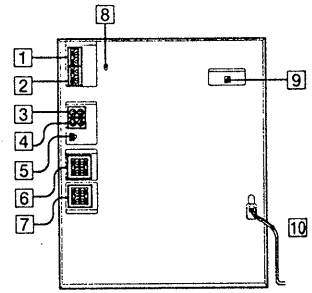
* For US, Canadian, AEP, German and Italian models only.

CD player



1 ▷ (play) button (7)
2 ⏮◀◀/▶▶⏭ (AMS) buttons (7)
3 ■ (stop) button (7)
4 ▯▯ (pause) button (7)
5 DISC SELECT 1 – 5 buttons (8)
6 Disc tray (7)
7 DISC SKIP button (7)
8 ⏏ OPEN/CLOSE button (7, 14)
9 CD button (8, 14)

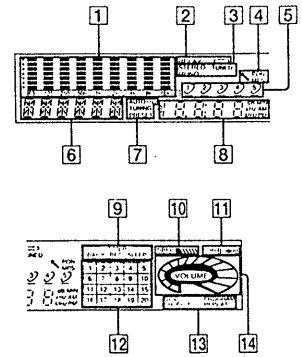
Rear Panel



1 FM 75Ω terminal (4)
2 AM terminal (4)
3 PHONO IN jacks (4)
4 VIDEO IN jacks (22)
5 POWER SOURCE terminal (4)
6 SPEAKER connectors (4)
7 SURROUND SPEAKER connectors (4, 22)
8 ⏚ ground terminal (4)
9 VOLTAGE SELECTOR* (5)
10 AC power cord (5)

* For E, Saudi Arabia, Singapore, Argentine and PX models.

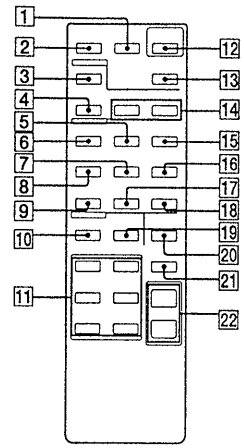
Display Window



1 Spectrum analyzer (19)
2 Tape direction indications (13)
3 Tuner indication (11)
4 KARAOKE indication* (22)
5 Disc calendar (8)
6 Band/disc/track indications (8, 11, 15, 19, 20)
7 AUTO/TUNING/PRESET/STEP indication (11)
8 Frequency/playing time indications (6, 8, 12, 15, 19, 20)
9 TIMER DAILY/REC/SLEEP indications (20)
10 DBFB indication (18)
11 SURROUND indication (19)
12 Music calendar (8)
13 CD play mode indication (8)
14 VOLUME indication (8)

* For LBT-N350K only

Remote



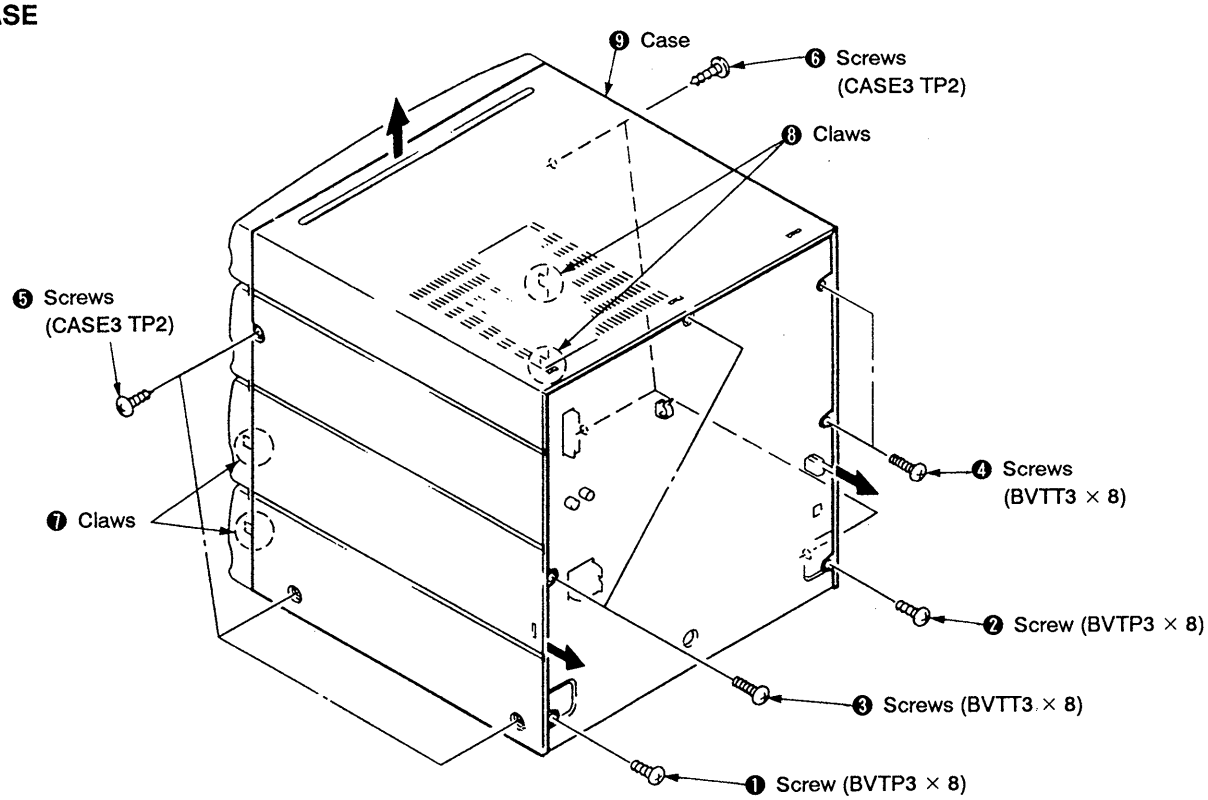
1 DISPLAY button (6)
2 FUNCTION button (9)
3 BAND button (10, 15)
4 STEREO/MONO button (10)
5 REPEAT button (9)
6 CD PLAY button (9)
7 SHUFFLE button (8)
8 CONTINUE button (7)
9 CHECK button (9)
10 TAPE PLAY button (12)
11 CD/TAPE operating buttons
◄► (play) (7, 12)
◀◀ (fast leftward)/
▶▶ (fast rightward) (12)
⏮◀◀/▶▶⏭ AMS* (7)
▮▮ (pause) (7, 12)
■ (stop) (7, 12)
* AMS: Automatic Music Sensor.
12 SYSTEM POWER button (8)
13 SLEEP button (19)
14 PRESET (+/–) buttons (10, 20)
15 DISC SKIP button (9)
16 PROGRAM button (9)
17 CLEAR button (9)
18 EDIT button (14)
19 DECK SELECT button (12)
20 PRESET EQ button (17)
21 P.FILE button (18)
22 VOL (volume) buttons (7, 17, 19)

This section is extracted from instruction manual.

SECTION 3
DISASSEMBLY

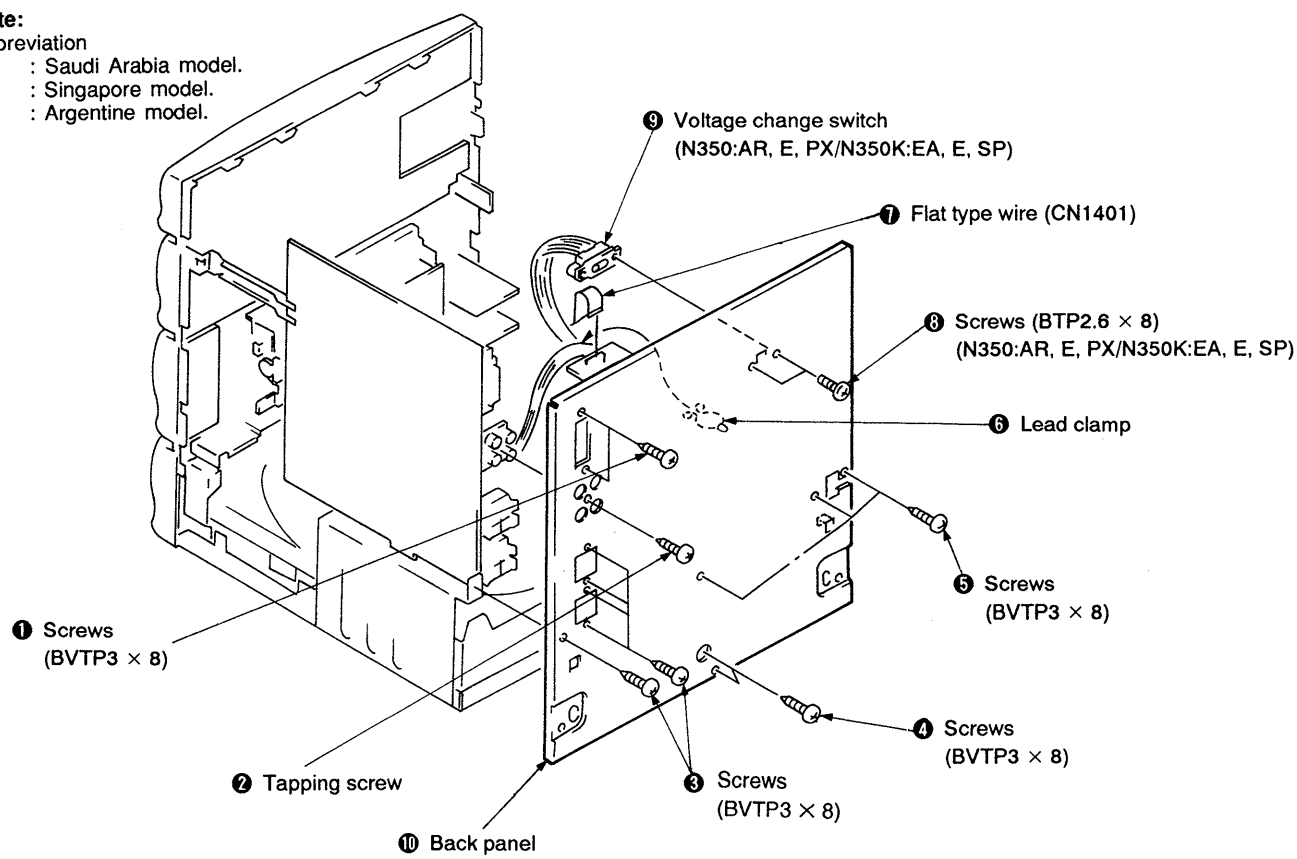
Note : Follow the disassembly procedure in the numerical order given.

3-1. CASE

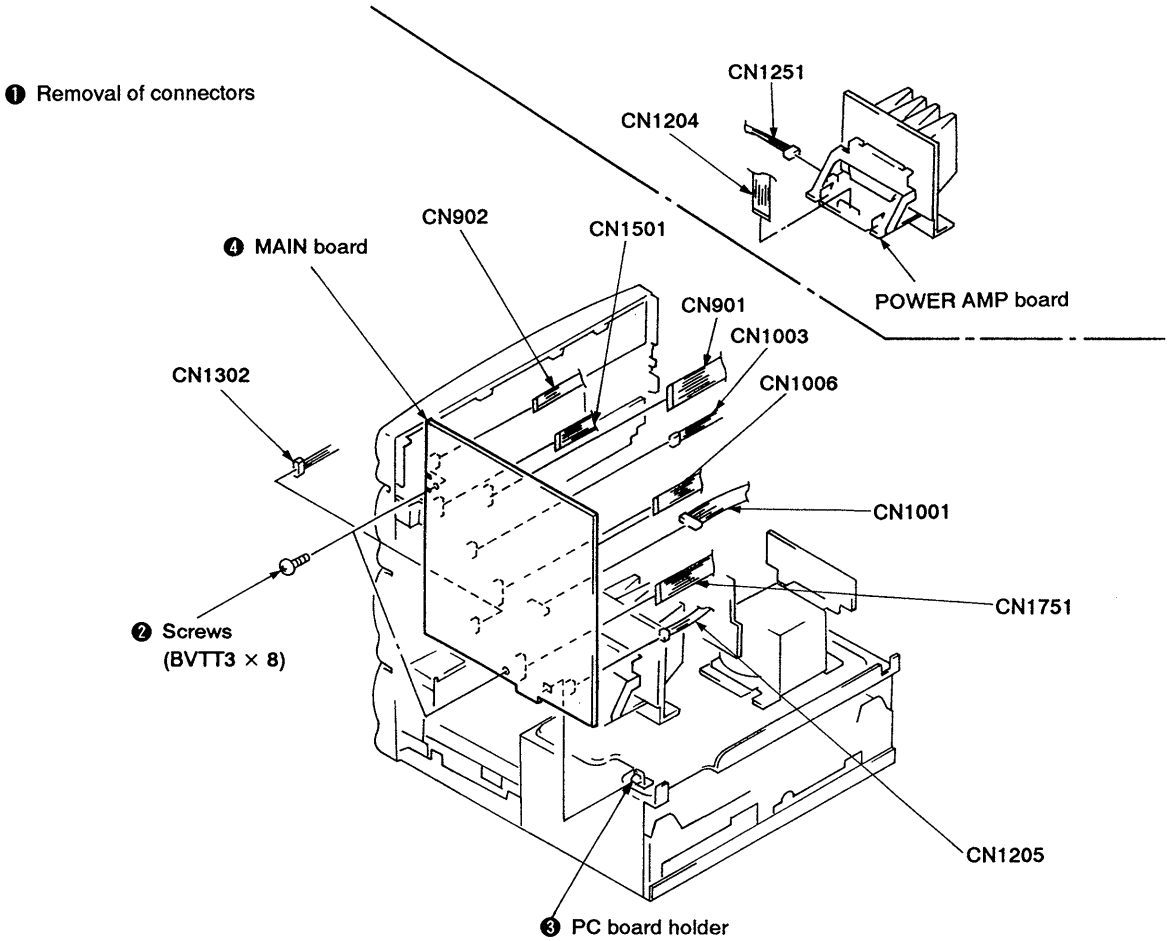


3-2. BACK PANEL

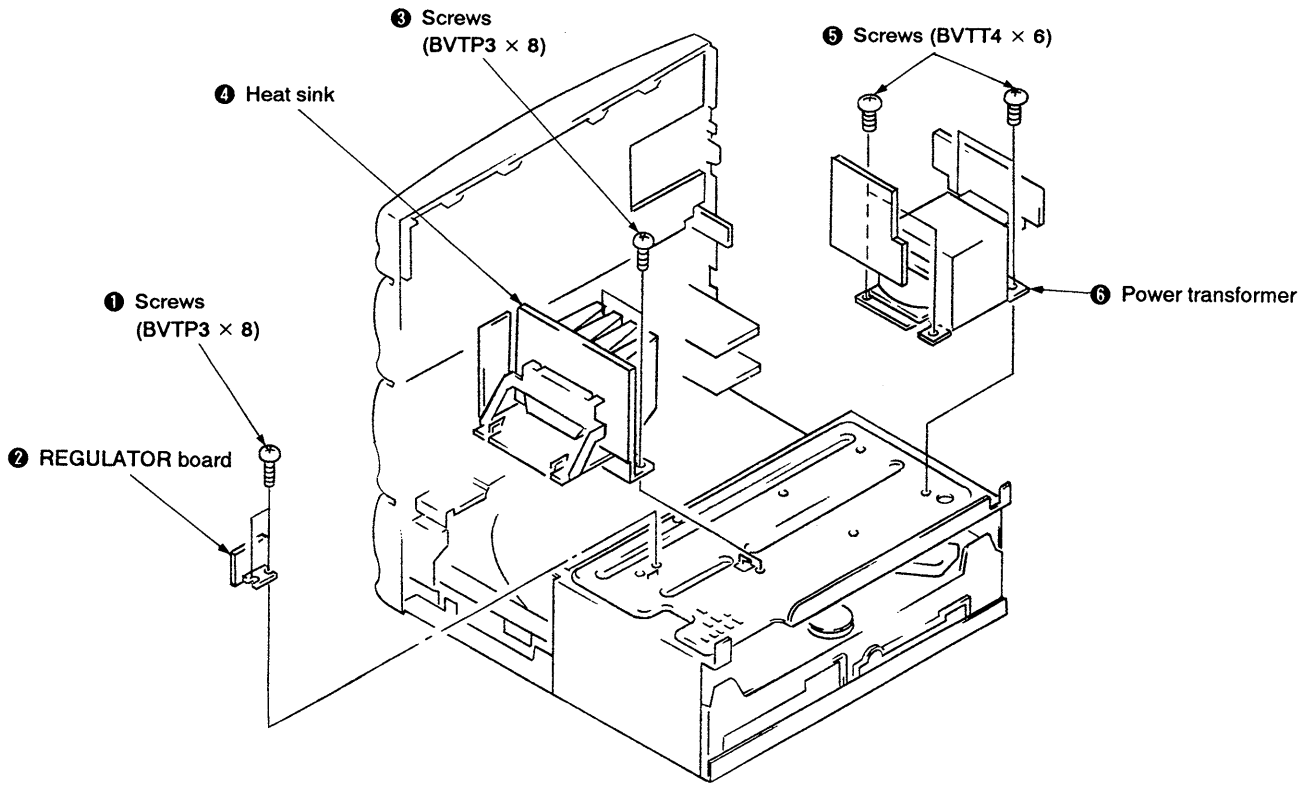
Note:
Abbreviation
EA : Saudi Arabia model.
SP : Singapore model.
AR : Argentine model.


❾ Voltage change switch (N350:AR, E, PX/N350K:EA, E, SP)
❼ Flat type wire (CN1401)
❽ Screws (BTP2.6 × 8) (N350:AR, E, PX/N350K:EA, E, SP)
❻ Lead clamp
❺ Screws (BVTP3 × 8)
❶ Screws (BVTP3 × 8)
❹ Screws (BVTP3 × 8)
❷ Tapping screw
❸ Screws (BVTP3 × 8)
❿ Back panel

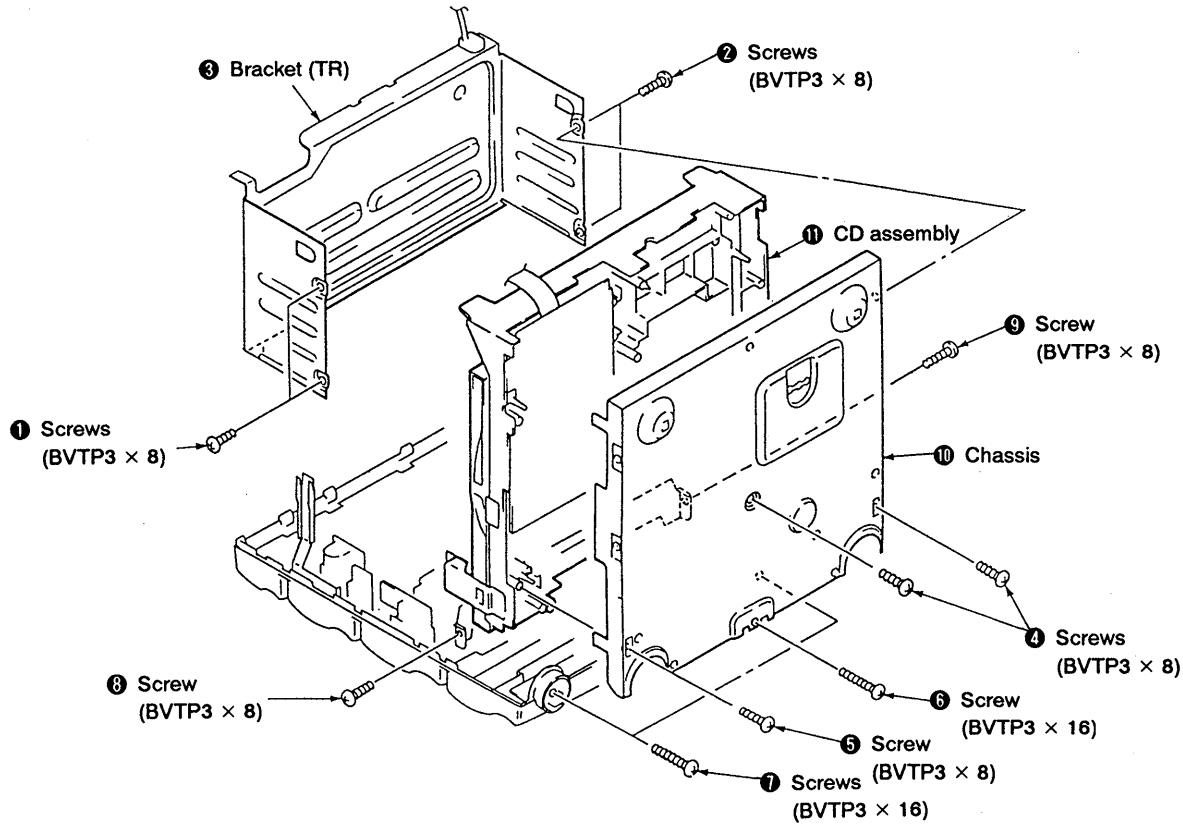
3-3. MAIN BOARD



3-4. POWER TRANSFOMER

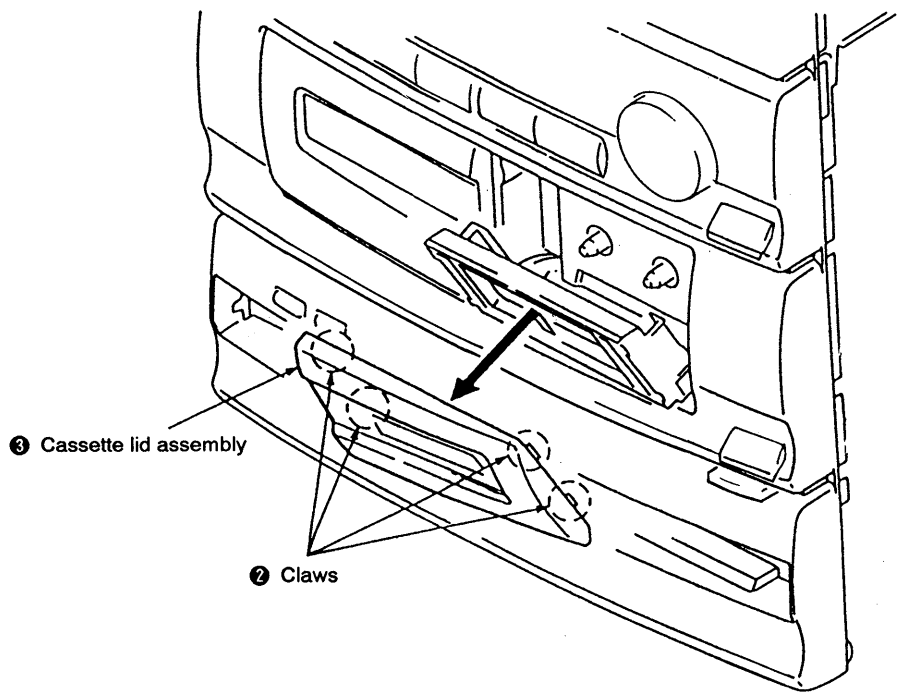


3-5. CD ASSEMBLY

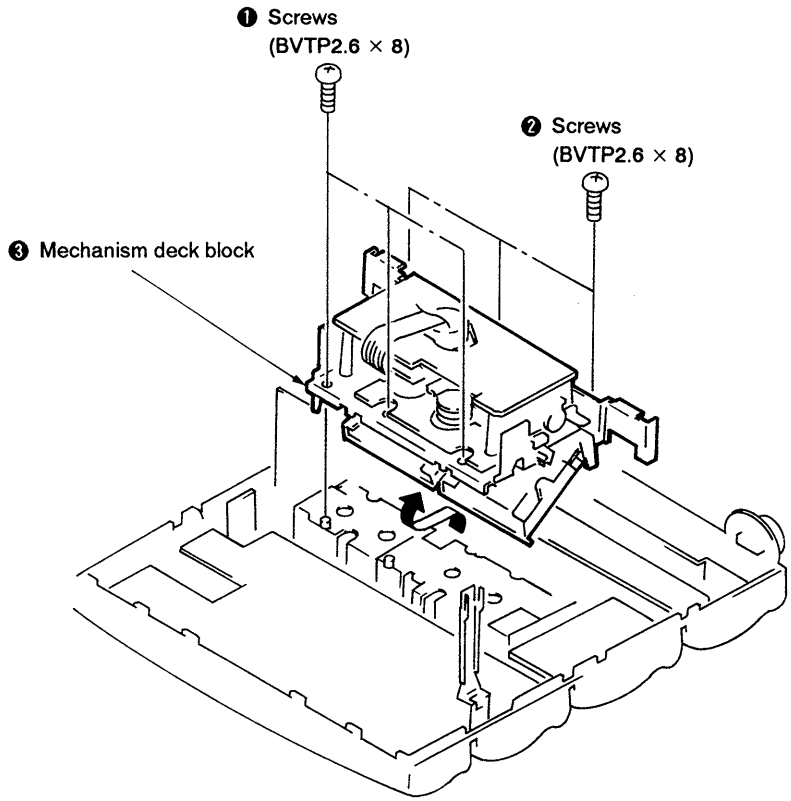

❸ Bracket (TR)
❷ Screws (BVTP3 × 8)
⓫ CD assembly
❾ Screw (BVTP3 × 8)
❶ Screws (BVTP3 × 8)
⓾ Chassis
❹ Screws (BVTP3 × 8)
❽ Screw (BVTP3 × 8)
❻ Screw (BVTP3 × 16)
❺ Screw (BVTP3 × 8)
❼ Screws (BVTP3 × 16)

3-6. CASSETTE LID ASSEMBLY

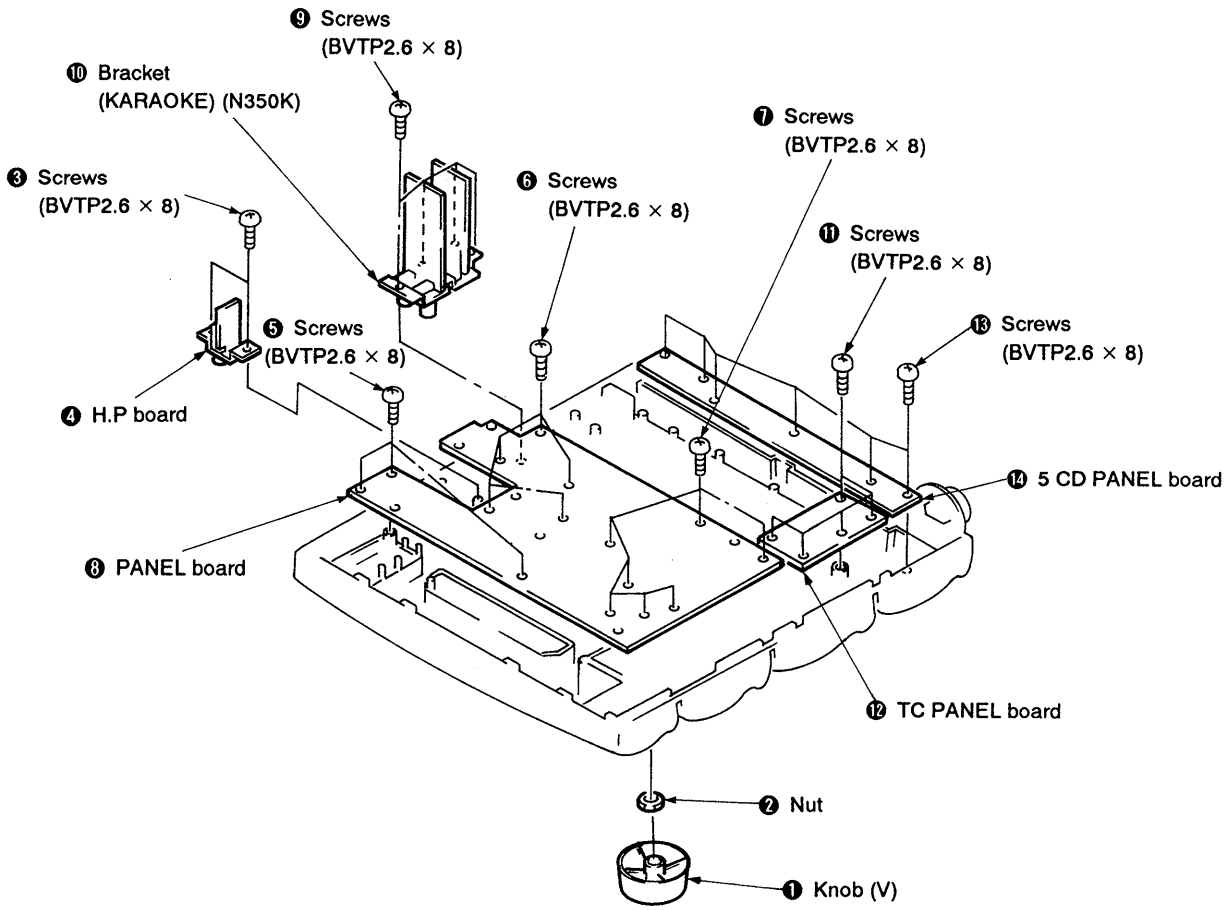
❶ Push the EJECT button.



3-7. MECHANISM DECK BLOCK

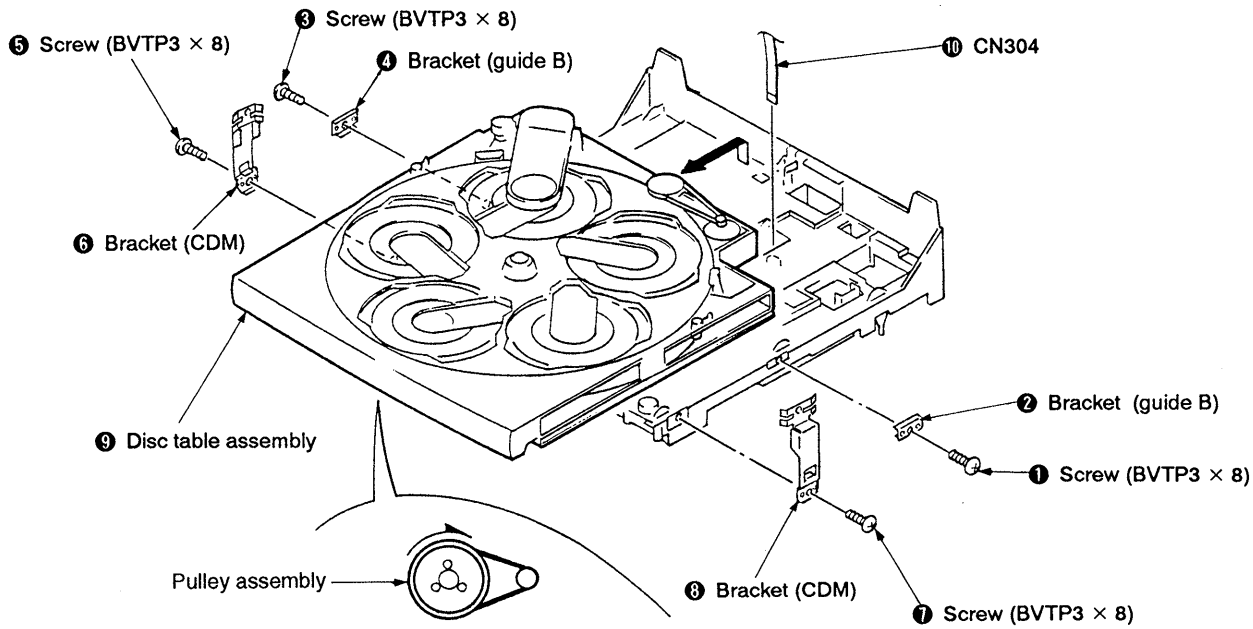


3-8. PANEL BOARD



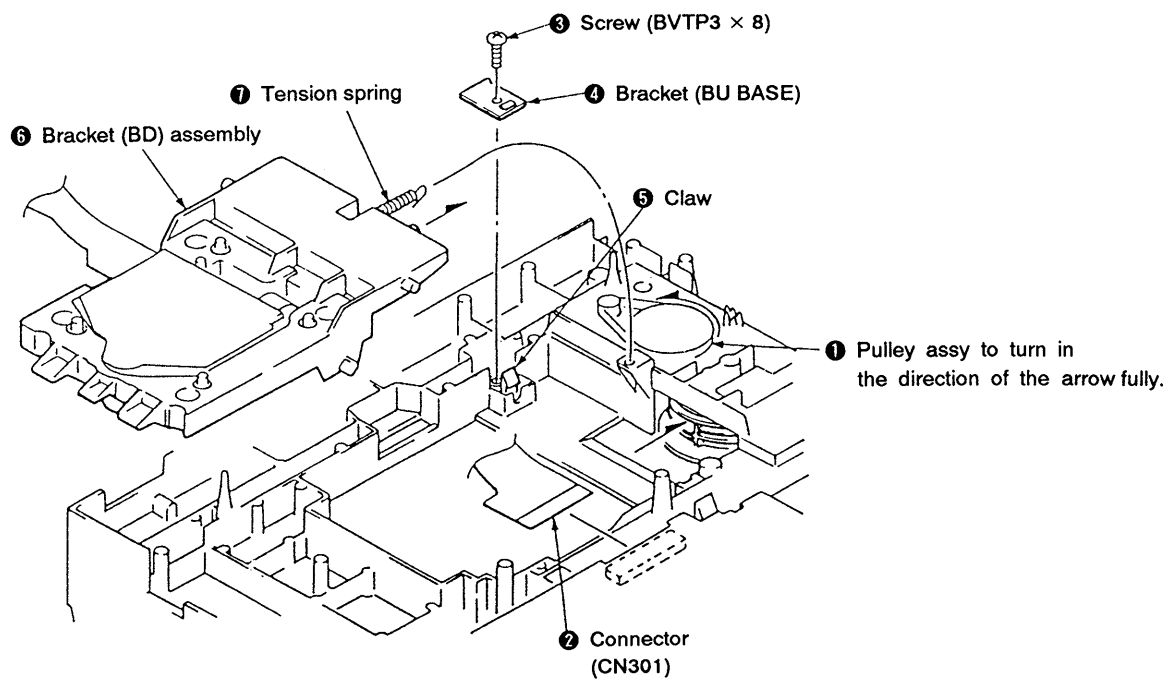
3-9. DISC TABLE ASSEMBLY

Note on assembly : Turn the pulley assy in the direction of the arrow.
Down the bracket (BD) assy, and assembly the disc table assy.



3-10. BRACKET (BD) ASSEMBLY

Note on assembly : Set to the arrow portion of gear (loading A) for shaft (CAM).


❸ Screw (BVTP3 × 8)
❼ Tension spring
❹ Bracket (BU BASE)
❻ Bracket (BD) assembly
❺ Claw
❶ Pulley assy to turn in the direction of the arrow fully.
❷ Connector (CN301)

SECTION 4
MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab :
   record/playback heads — pinch rollers
   erase head — rubber belts
   capstan — idlers
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Mesurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	36 to 61g • cm
FWD back tension	CQ-102C	2 to 6g • cm
REV	CQ-102RC	36 to 61g • cm
REV back tension	CQ-102RC	2 to 6g • cm
FF/REW	CQ-201B	61 to 143g • cm
FWD tension	CQ-403A	1kg • cm or more
REV tension	CQ-403R	1kg • cm or more

SECTION 5
ELECTRICAL ADJUSTMENTS

DECK SECTION **0 dB=0.775V**

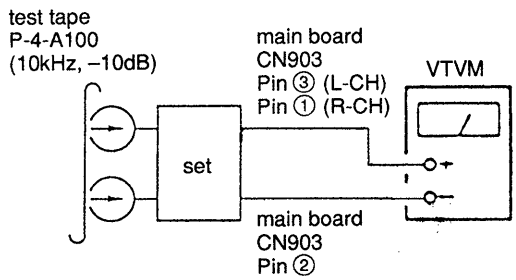
1. Demagnetize the record/playback head with a head damagnetizer. (Do not bring the head demagnetizer close to the erase head.)
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-ch.
7. Switches and controls should be set as follows unless otherwise specified.
   TAPE SELECT switch : TAPE I
   DOLBY NR switch : OFF (Except E model)
8. Set to test mode. (Press key switch sometime [DISPLAY], [FUNCTION] and [POPS/2] button.)

Tape	Signal	Used for
P-4-A100	10 kHz, –10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

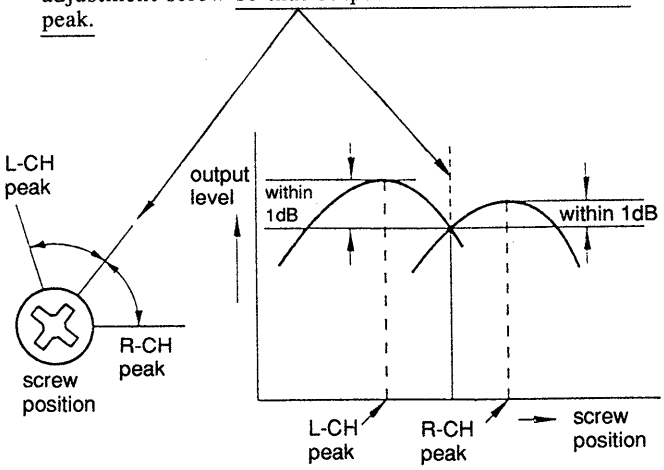
Record/Playback Head Azimuth Adjustment

DECK A **DECK B**

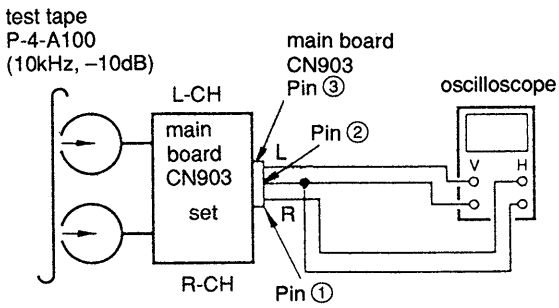
Note : Perform this adjustments for both decks.
Procedure :
1. Mode : Playback (FWD)

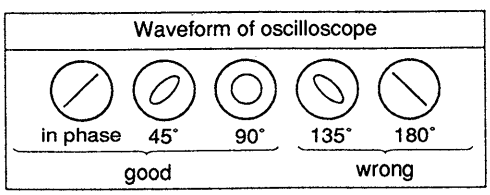


2. Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 1 dB of peak.



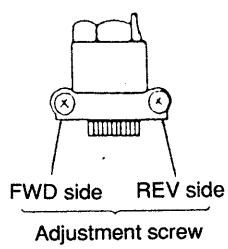
3. Mode : Playback (FWD)





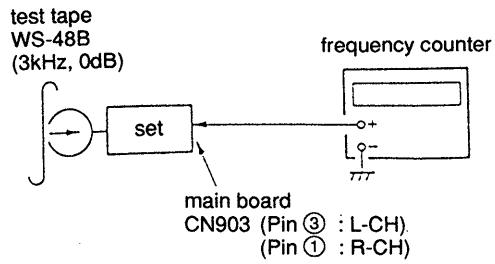
4. Repeat steps 1 to 3 in playback (REV) mode.
5. After the adjustments, apply suitable locking compound to the parts adjusted.

Adjustment Location : Record/Playback Head (Deck A and B)



Tape Speed Adjustment DECK A DECK B

Procedure :
Mode : Playback (FWD)



High speed adjustment

1. Press the HIGH SPEED DUBBING button in playback mode. Then at HIGH speed mode.
2. Adjust RV652 on the MD board so that the frequency counter reads 6,000 ± 30 Hz.

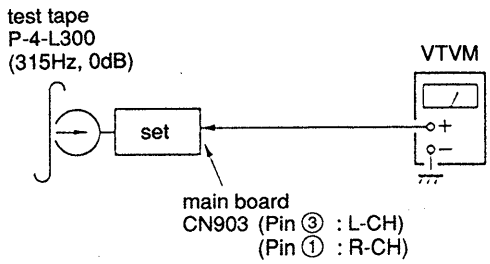
Normal speed adjustment

1. Set to the playback mode.
2. Adjust RV651 on the MD board so that the frequency counter reads 3,000 ± 15 Hz.

Frequency difference between deck A and deck B the beginning of the tape should be within ± 1.5%.
Adjustment Location : MD board

Playback Level Adjustment DECK A DECK B

Procedure :
Mode : Playback (FWD)



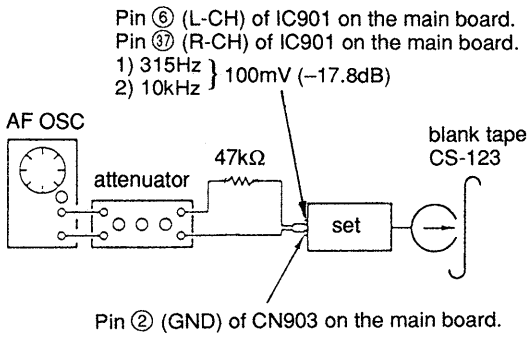
Deck A in RV311(L-CH) and RV411(R-CH), deck B is RV301(L-CH) and RV401(R-CH) so that the adjustment within adjustable limits as follows.

Adjustable limits :
CN903 PB level: 301.5 to 338.3 mV (–8.2 to –7.2 dB)
level difference between the channels: within ±0.5 dB
Adjust Location : MD and main boards

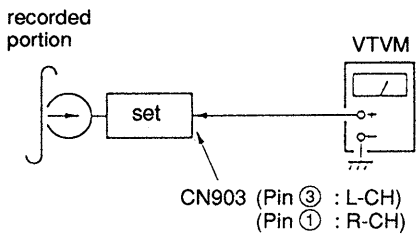
Record Bias Current Adjustment DECK B

Procedure :

1. Mode : record



2. Mode : Playback



Confirm playback the signal recorded in step 1 become adjustable limits as follows.
If these levels do not adjustable limits, adjustment the RV341 (L-CH) and RV441 (R-CH) on the MD board to repeat steps 1 and 2.

Adjustable limits : Playback output of 315 Hz to playback output of 10 kHz : 0±0.5 dB

Adjustment Location : MD and main boards

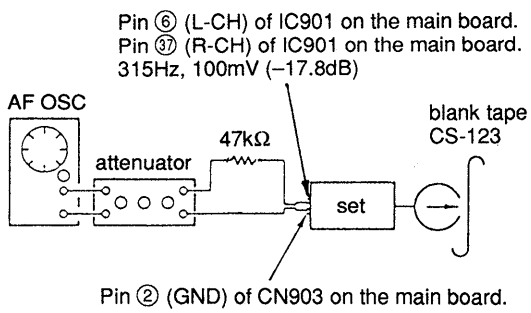
Record Level Adjustment DECK B

Setting :

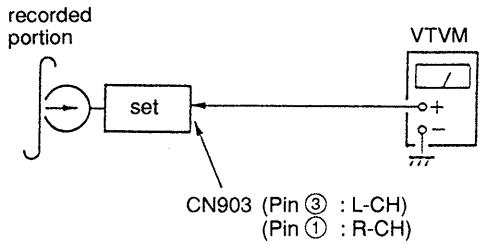
TAPE SELECT switch : TYPE I

Procedure :

1. Mode: record



2. Mode: Playback



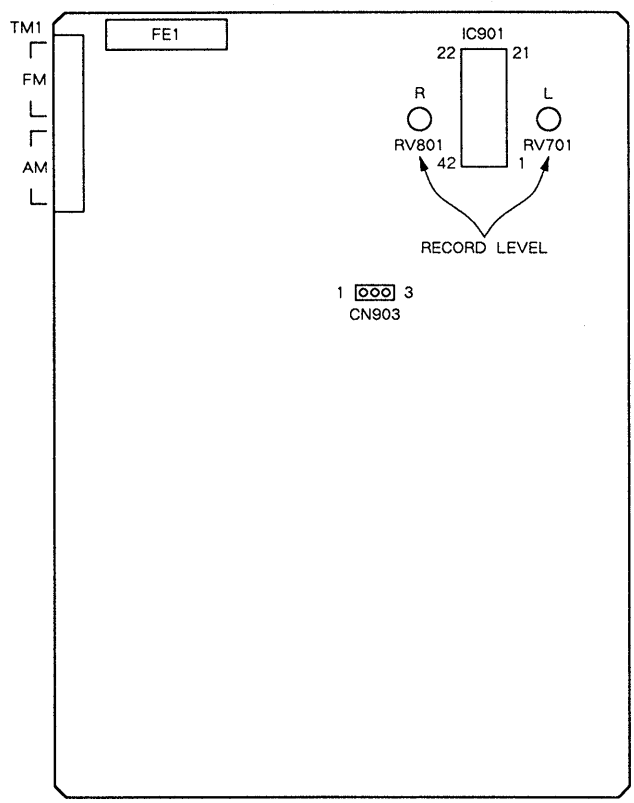
Confirm playback the signal recorded in step 1 become adjustable limits as follows.
If these levels do not adjustable limits, adjustment the RV701 (L-CH) and RV801 (R-CH) on the main board to repeat steps 1 and 2.

Adjustable limits :

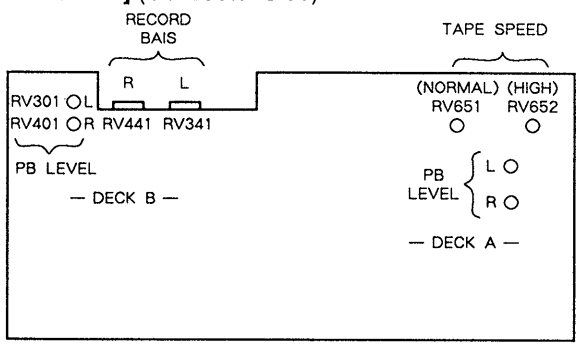
CN903 PB level : 47.3 to 53.1 mV (–24.3 to –23.3 dB)

Adjustment Location : main board

[MAIN BOARD] (Component Side)



[MD BOARD] (Conductor Side)

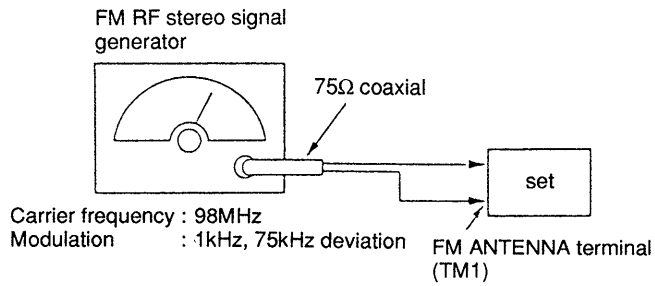


TUNER SECTION | **0dB=1μV**

Note : As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

FM Section Adjustment

Setting :



FM Tuned Level Adjustment

Band : FM

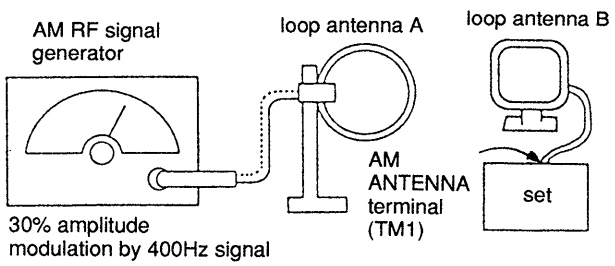
Procedure :
1. Supply a 17.8 μV (25dBμ) 98 MHz signal from the ANTENNA terminal.
2. Tune the set to 98 MHz.
3. Adjust RV2 so that the TUNED indicator goes on.

Adjustment Location : main board

- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by trimmer capacitors.

AM Section Adjustment

Setting :



AM Tuner Level Adjustment

Band : AM

Procedure :
1. Set loop antenna A so that the loop antenna B input level becomes 316 μV (50 dBμ).
2. Tune the set to 1050kHz.
3. Adjust RV1 so that the TUNED indicator goes on.

Adjustment Location : main board

SW OSC Voltage Adjustment

(Saudi Arabia Model Only)
BAND SELECT : SW

Procedure :
1. Connect the VOM to JW11.
2. Tune the set to 5.95MHz.
3. Adjust T2 for 0.9 to 1.1V reading on the VOM.
4. Tune the set to 17.90MHz.
5. Adjust CT2 for 8.3 to 8.7V reading on the VOM.

SW Tracking Adjustment

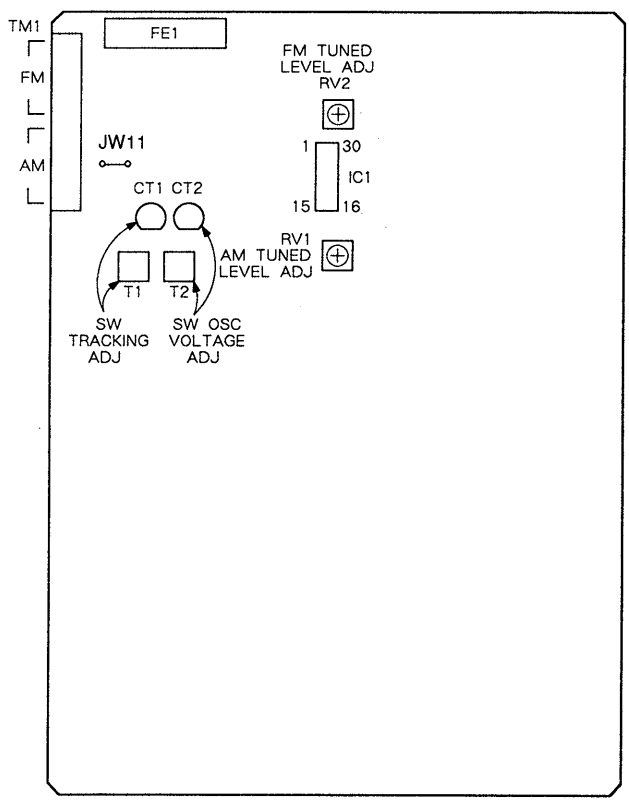
(Saudi Arabia Model Only)
BAND SELECT : SW

Procedure :
1. Connect the VOM to speaker terminal.
2. Adjust for a maximum reading on VOM.

Signal generator and Set frequency	Adjustment part
7.0MHz	T1
17.0MHz	CT1

Adjustment Location : main board

[MAIN BOARD] (Component Side)

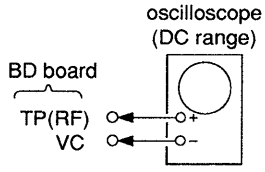


CD SECTION

Note :

1. CD Block is basically designed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use an oscilloscope with more than 10MΩ impedance.
4. Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.
5. Adjust the focus bias adjustment when optical block is replaced.

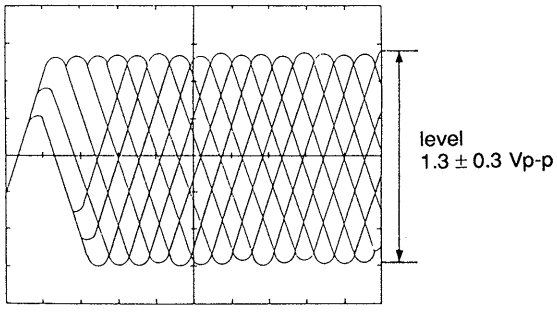
Focus Bias Adjustment



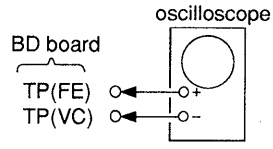
Procedure:

1. Connect oscilloscope to test point TP (RF). (GND terminal : VC)
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Adjust RV101 so that the waveform is clear.
   (Clear RF signal waveform means that the shape "◊" can be clearly distinguished at the center of the waveform.)
5. After adjustment, check the RF signal level.

• RF signal
VOLT/DIV : 200 mV
TIME/DIV : 500 nS



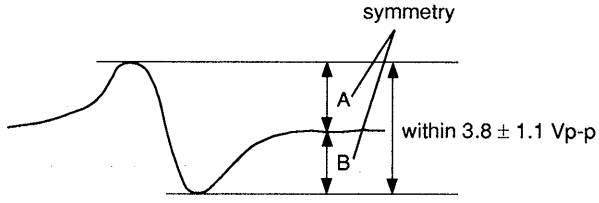
S Curve Check



Procedure :

1. Connect oscilloscope to test point TP (FEO).
2. Connect between test point TP (FOK) and GND by lead wire.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
5. Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 3.8±1.1 Vp-p.

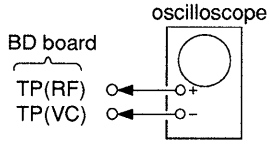
S-curve waveform



6. After check, remove the lead wire connected in step 2.

Note : • Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.
• Take sweep time as long as possible and light up the brightness to obtain best waveform.

RF Level Check



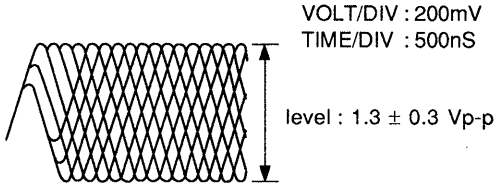
Procedure :

1. Connect oscilloscope to test point TP (RF) on BD board.
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

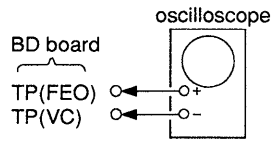
Note :

Clear RF signal waveform means that the shape "◊" can be clearly distinguished at the center of the waveform.

RF signal waveform

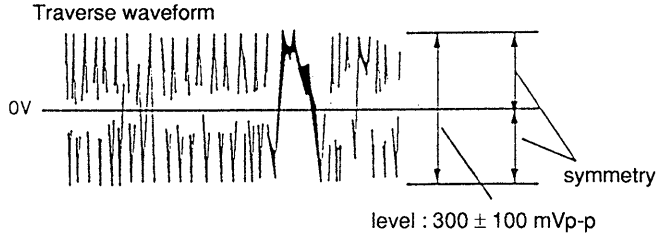


E-F Balance Check



Procedure :

1. Connect pin ⑯ of IC1051 on the main board to GND with a lead wire.
2. Connect oscilloscope to test point TP (TEO).
3. Turned Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the oscilloscope waveform is symmetrical on the top and bottom in relation to 0Vdc, and check this level.



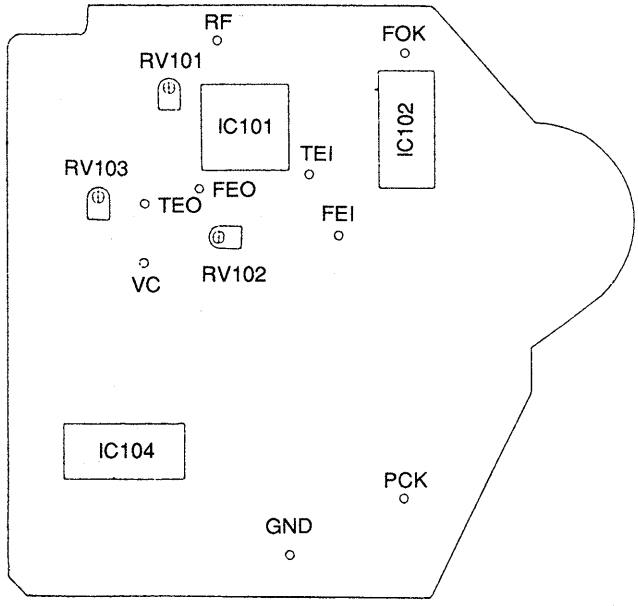
6. Remove the lead wire connected in step 1.

Focus/Tracking Gain Adjustment (RV102, RV103)

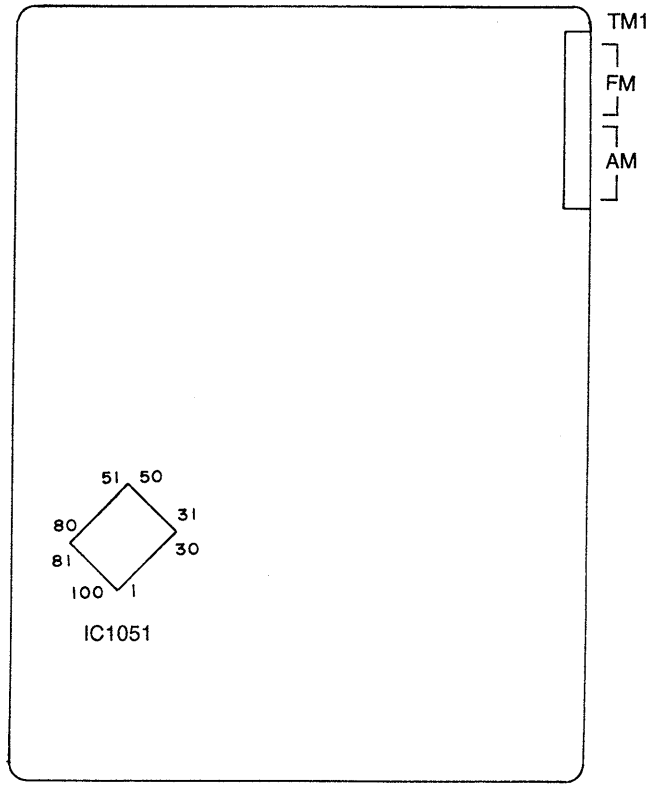
This gain has a margin, so even if it is slightly off.
There is no problem.
Therfore, do not perform this adjustment.
Please note that it should be fixed to mechanical center position when you moved and do not know original position.

Adjustment Location :

[BD BOARD] (Conductor Side)

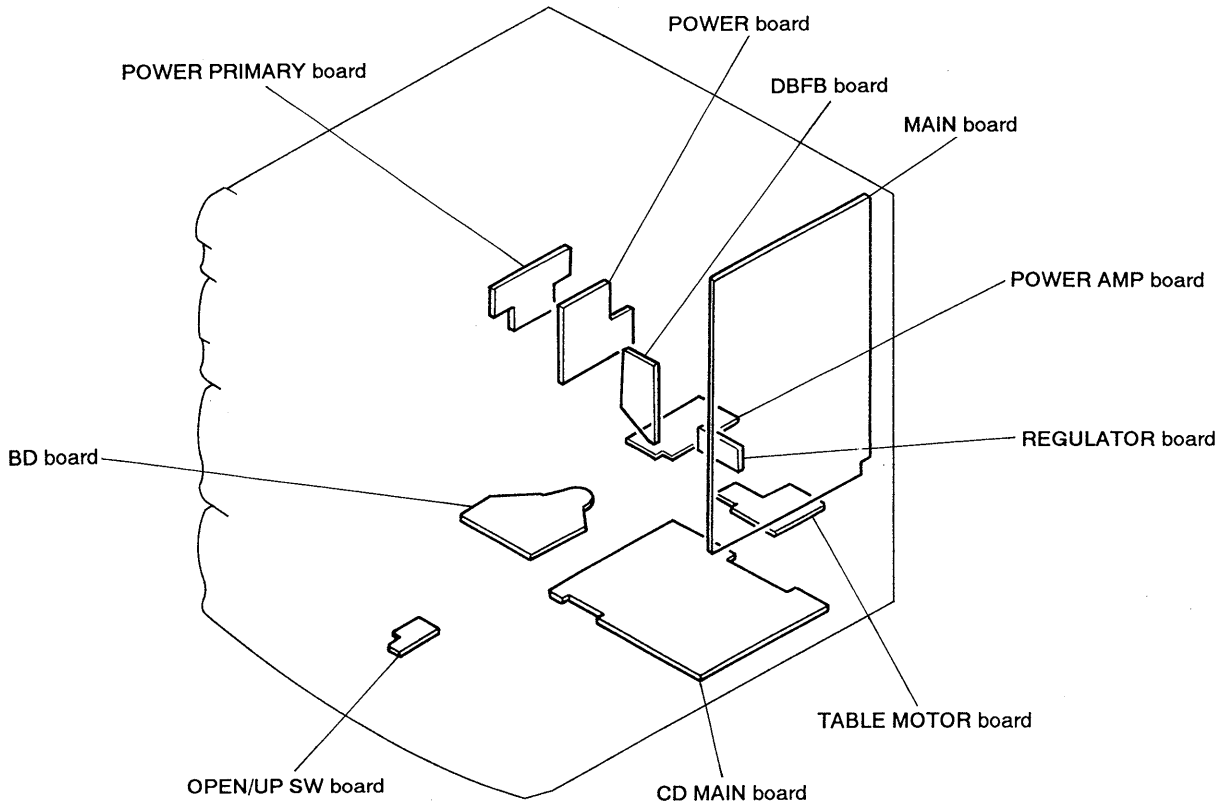


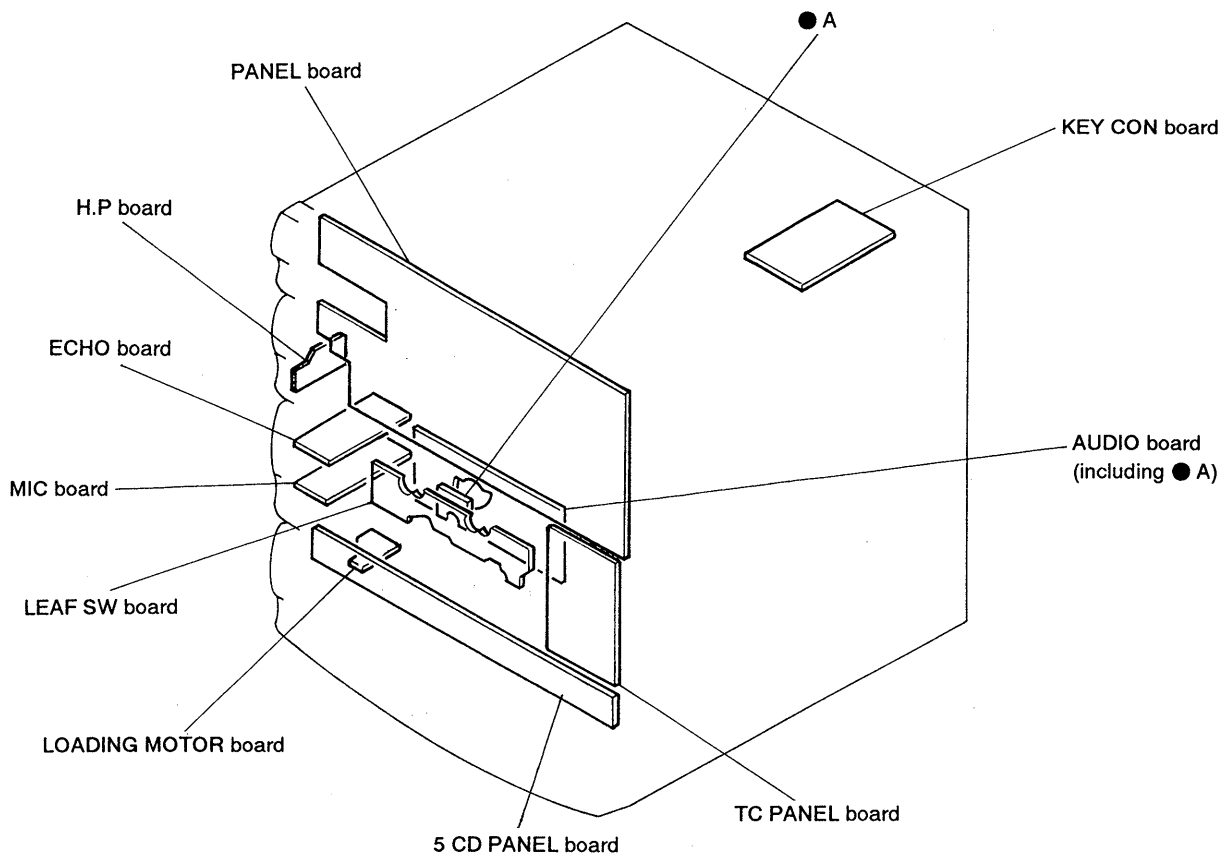
[MAIN BOARD] (Conductor Side)



SECTION 6
DIAGRAMS

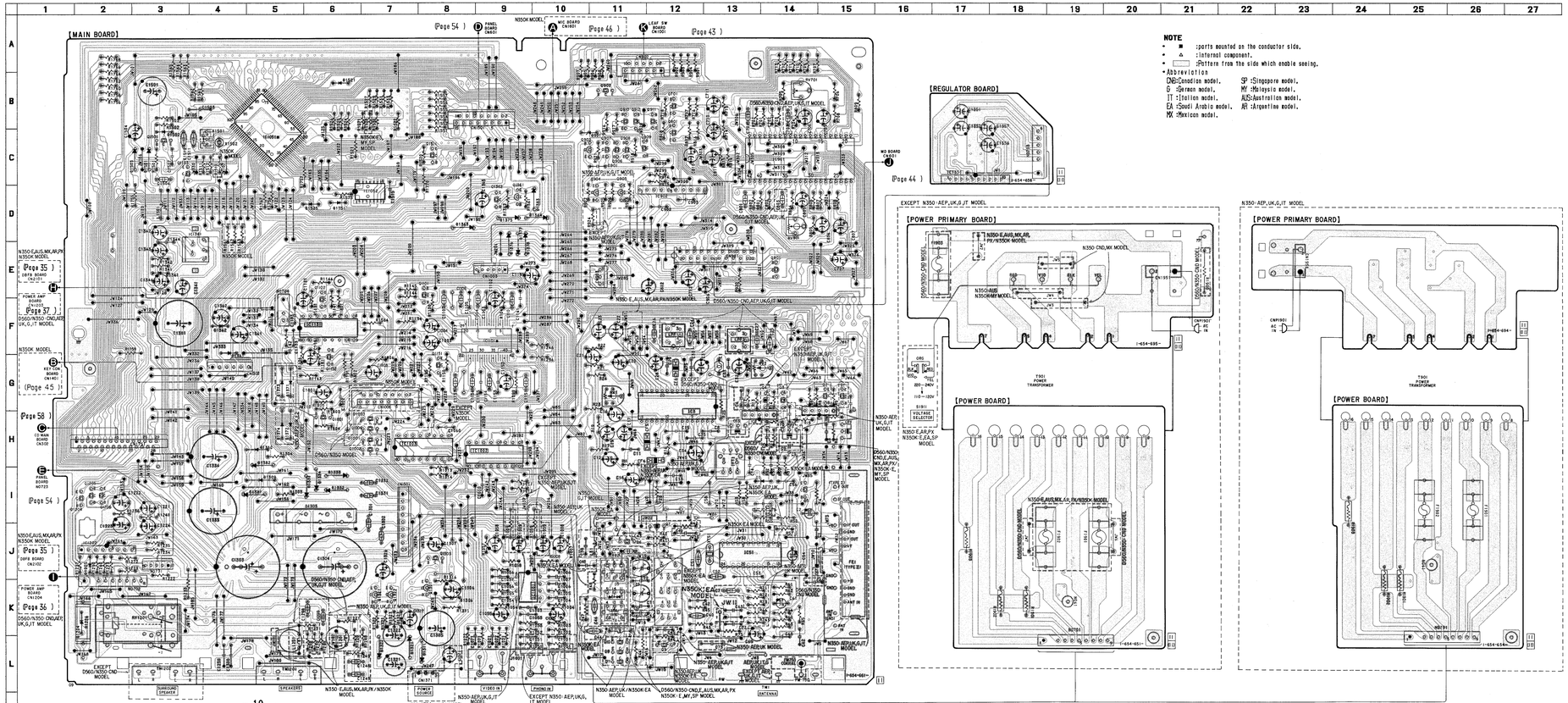
6-1. CIRCUIT BOARDS LOCATION





6-2. PRINTED WIRING BOARD — MAIN SECTION —

- See page 18 for Circuit Boards Location.
- See page 66 for Semiconductor Lead Layouts.

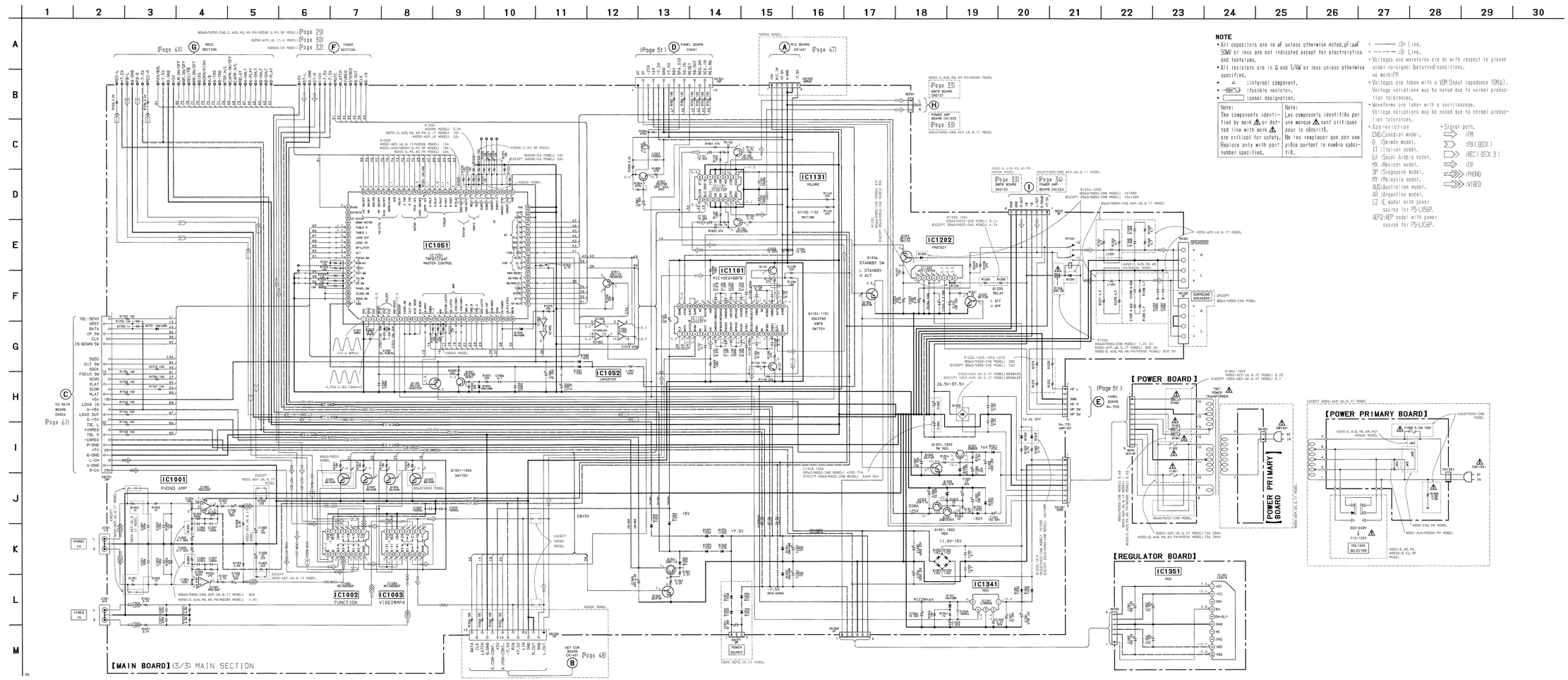

[MAIN BOARD]
[REGULATOR BOARD]
[POWER PRIMARY BOARD]
[POWER BOARD]
EXCEPT N350-AEP,UK,G,IT MODEL
N350-AEP,UK,G,IT MODEL
NOTE
• ■ :parts mounted on the conductor side.
• △ :internal component.
• ▭ :Pattern from the side which enable seeing.
• Abbreviation
CND:Canadian model. SP :Singapore model.
G :German model. MY :Malaysia model.
IT :Italian model. AUS:Australian model.
EA :Saudi Arabia model. AR :Argentine model.
MX :Mexican model.

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D1	I-14	IC1131	F-6
D5	K-11	IC1202	J-2
D901	C-11	IC1341	E-4
D1204	K-2	IC1351	C-17
D1205	J-2		
D1303	I-6	Q1	G-15
D1306	K-8	Q2	G-15
D1309	I-5	Q3	G-14
D1310	H-5	Q4	G-14
D1311	L-8	Q5	I-14
D1321	L-7	Q6	J-11
D1322	L-7	Q7	J-12
D1323	K-7	Q8	L-11
D1331	I-6	Q9	L-12
D1332	I-6	Q10	L-11
D1333	I-6	Q11	L-11
D1334	I-6	Q701	B-12
D1341	E-3	Q801	C-12
D1361	F-4	Q901	E-14
D1362	F-4	Q902	B-11
D1363	D-8	Q903	C-11
D1364	D-10	Q904	D-11
D1371	G-5	Q905	D-11
D1372	H-5	Q906	C-11
D1373	G-5	Q907	C-11
D1374	H-5	Q908	C-11
D1375	D-9	Q909	C-12
D1376	E-9	Q910	B-11
D1377	E-9	Q911	B-12
D1378	E-9	Q912	B-11
D1381	I-5	Q1001	H-7
D1382	I-5	Q1002	H-7
D1383	D-10	Q1003	H-7
D1501	C-3	Q1004	H-7
D1502	C-3	Q1101	E-8
D1503	C-3	Q1102	F-6
D1521	B-6	Q1103	C-4
D1525	D-6	Q1151	G-8
D1751	D-6	Q1152	G-6
		Q1204	I-2
IC1	G-15	Q1205	I-2
IC2	G-14	Q1206	I-2
IC3	G-12	Q1301	K-8
IC51	J-13	Q1303	J-8
IC901	C-14	Q1321	K-7
IC802	D-12	Q1322	K-7
IC1001	K-9	Q1361	D-9
IC1002	H-9	Q1362	D-9
IC1003	H-7	Q1501	C-3
IC1051	C-5	Q1511	C-8
IC1052	D-7	Q1801	H-6
IC1101	F-9		

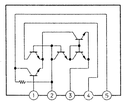
6-3. SCHEMATIC DIAGRAM — MAIN SECTION —

- **See page 64 for IC Block Diagrams. (IC1002, 1003, 1101, 1131, 1202, 1351)**
- **See page 68 for IC Pin Functions. (IC1051)**

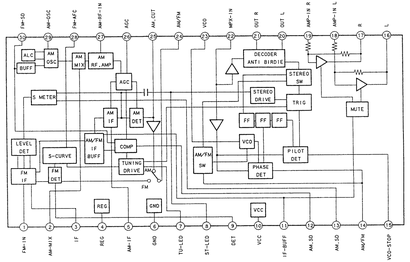

【MAIN BOARD】(3/3) MAIN SECTION
【POWER BOARD】
【POWER PRIMARY BOARD】
【REGULATOR BOARD】
IC1051
IC1101
IC1131
IC1202
IC1001
IC1002
IC1003
IC1052
IC1341
IC1351
NOTE
• All capacitors are in μF unless otherwise noted. pF: μμF
• All resistors are in Ω and 1/4W or less unless otherwise specified.
• Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
• Voltages are taken with a VOM (input impedance 10MΩ).
• Waveforms are taken with a oscilloscope.
• Abbreviation
CND : Canadian model.
G : German model.
IT : Italian model.
EA : Saudi Arabia model.
MX : Mexican model.
SP : Singapore model.
MY : Malaysia model.
AUS : Australian model.
AR : Argentina model.
E : E model with power source for PS-LX56P.
AEP : AEP model with power source for PS-LX58P.
• Signal path.
F : PHONO
B : PB (DECK)
C : REC (DECK B)
D : CD
E : PHONO
I : VIDEO

• IC Block Diagrams.

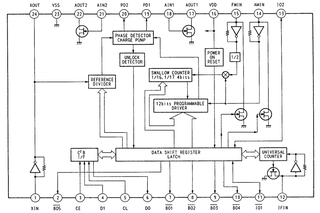
IC1, 2 TA7060AP



IC3 LA1835

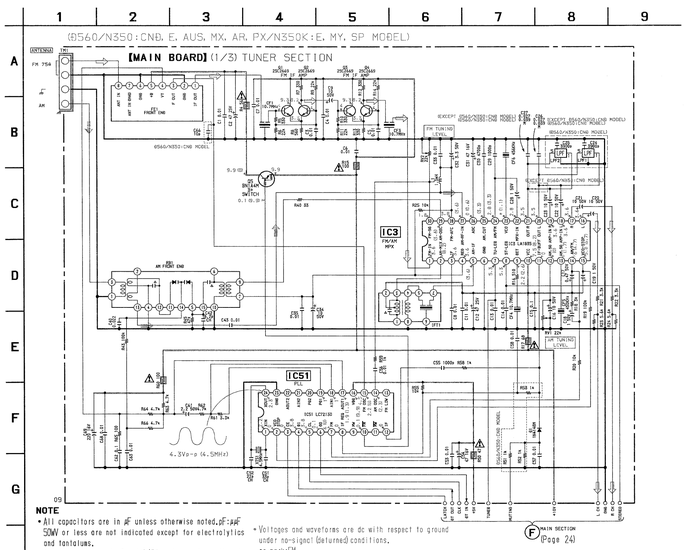


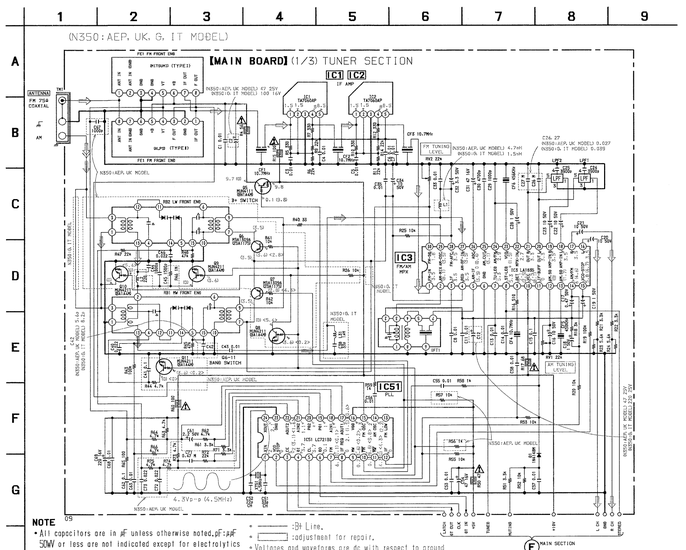
IC51 LC72130

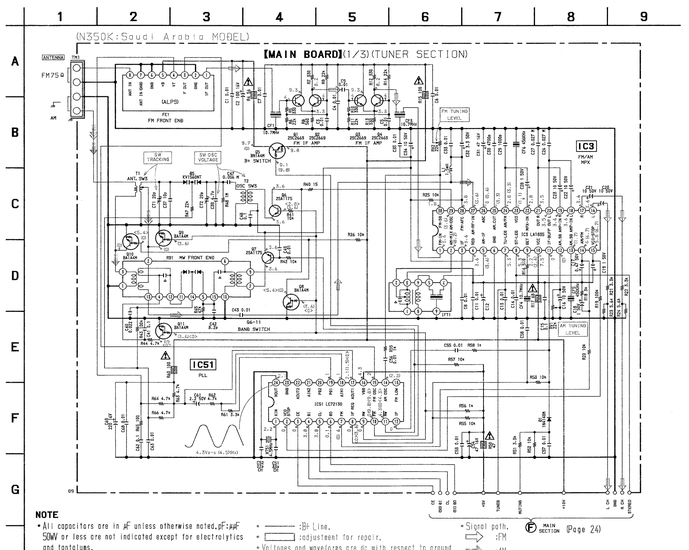


6-4. SCHEMATIC DIAGRAM — TUNER SECTION —

• See page 19 for Printed Wiring Board (Main Board).







NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ : internal component.
- ▭ : nonflammable resistor.
- ▭ : panel designation.
- ★ : adjustment for repair.
- Signal path.
  ⇨ : FM
  ⇨ : AM
- Abbreviation
  CND : Canadian model.
  AUS : Australian model.
  MX : Mexican model.
  AR : Argentine model.
  MY : Malaysia model.
  SP : Singapore model.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : AM
  * : can not be measured.
- Voltages are taken with a VOM (input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.

Note:	Note:
The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

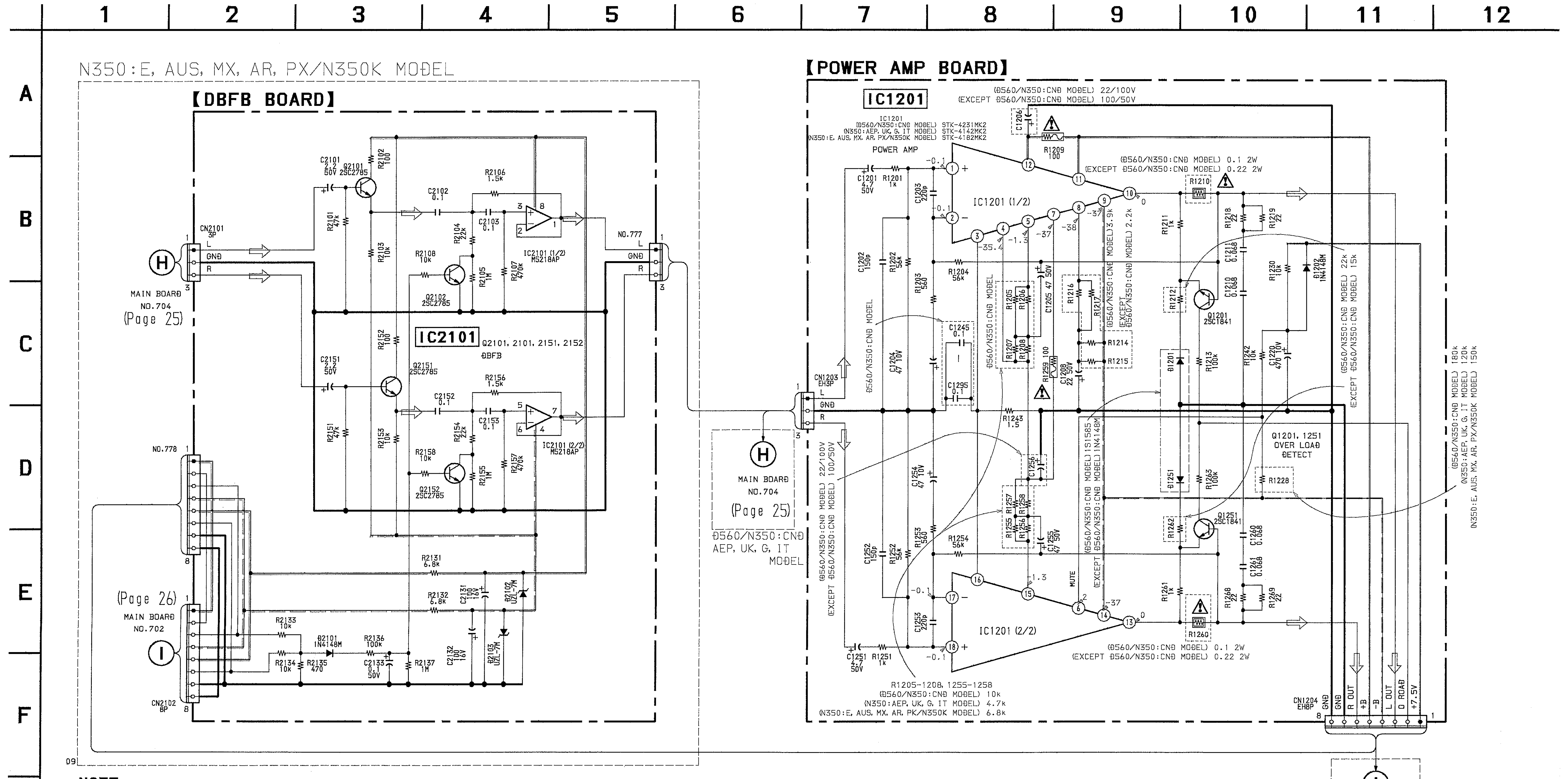
- ▬ : BH Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : MW
  < > : LW
  * : can not be measured.
- Voltages are taken with a VOM (input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  G : German model.
  IT : Italian model.
- Signal path.
  ⇨ : FM
  ⇨ : MW
  ⇨ : LW

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

- ▬ : BH Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : MW
  < > : SW
  * : can not be measured.
- Voltages are taken with a VOM (input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM
  ⇨ : AM
  ⇨ : SW

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

6-5. SCHEMATIC DIAGRAM — AMP SECTION —



NOTE

- All capacitors are in µF unless otherwise noted. pF: µµF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiès par une marque ⚠ sont critiques pour la sècuritè. Ne les remplacer que par une pièce portant le numèro spècifiè.

- ⊡ :nonflammable resistor.
- ⊡ :fusible resistor.
- ——— :B+ Line.
- – – – :B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal (deturned) conditions. no mark:FM
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.

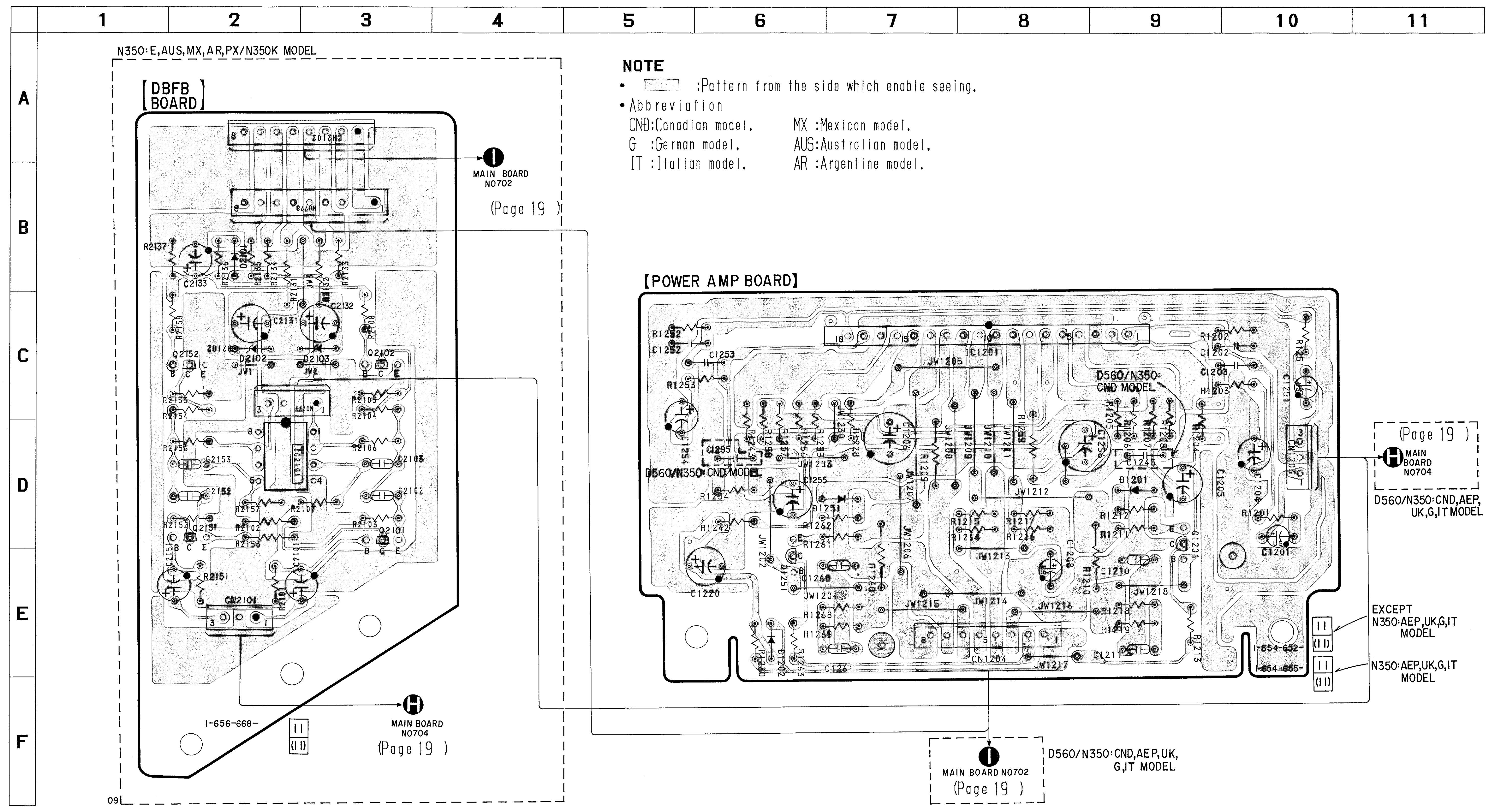
- Abbreviation
  - CND:Canadian model.
  - G :German model.
  - IT :Italian model.
  - EA :Saudi Arabia model.
  - MX :Mexican model.
  - SP :Singapore model.
  - AUS:Australian model.
  - AR :Argentine model.
- Signal path.
  - ⇨ :FM

6-6. PRINTED WIRING BOARD — AMP SECTION —

- See page 18 for Circuit Boards Location.
- See page 66 for Semiconductor Lead Layouts.

NOTE

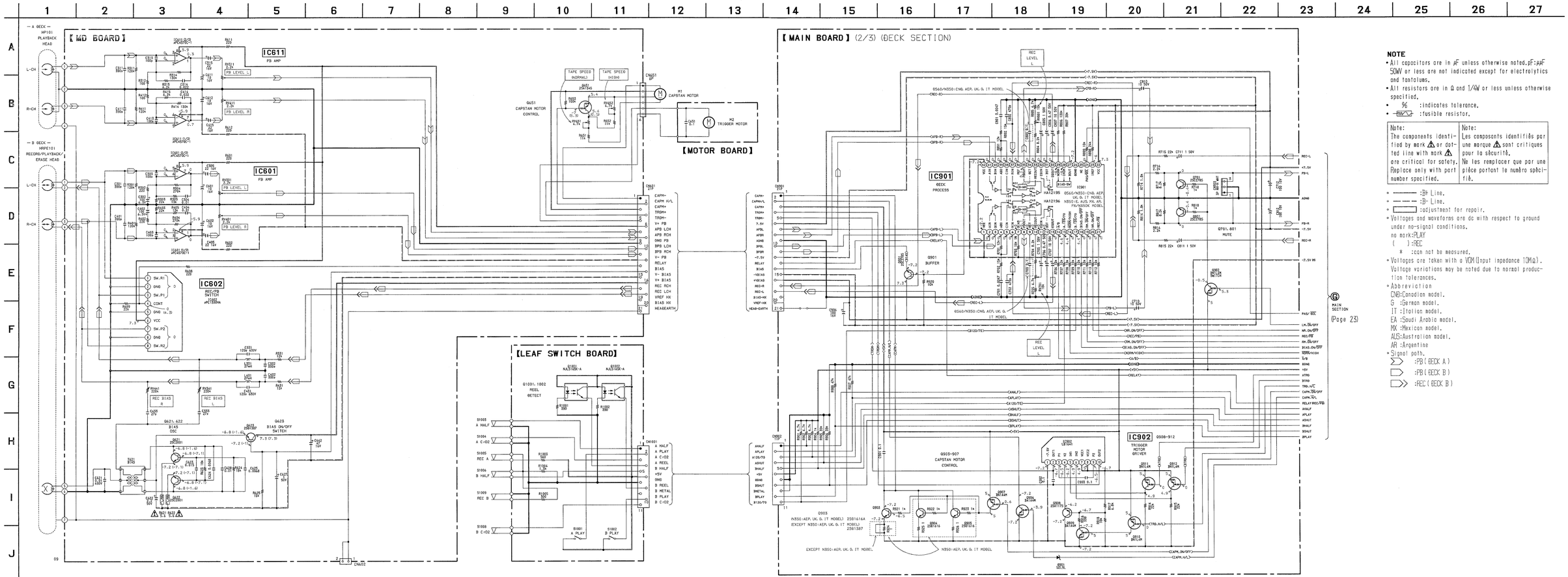
- ▭ :Pattern from the side which enable seeing.
- Abbreviation
  - CND:Canadian model. MX :Mexican model.
  - G :German model. AUS:Australian model.
  - IT :Italian model. AR :Argentine model.



- Semiconductor Location

Ref. No.	Location
D1201	D-9
D1202	E-6
D1251	D-7
D2101	B-2
D2102	C-2
D2103	C-3
IC1201	C-8
IC2101	D-2
Q1201	D-9
Q1251	E-6
Q2101	D-3
Q2102	C-3
Q2151	D-2
Q2152	C-2

6-7. SCHEMATIC DIAGRAM — DECK SECTION —



NOTE

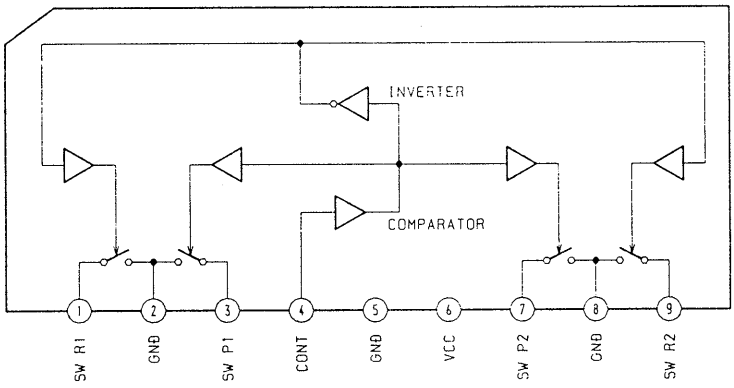
- All capacitors are in μF unless otherwise noted. pF: μμF
  50WV or less are not indicated except for electrolytics and tantaliums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- % : indicates tolerance.
- : fusible resistor.

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

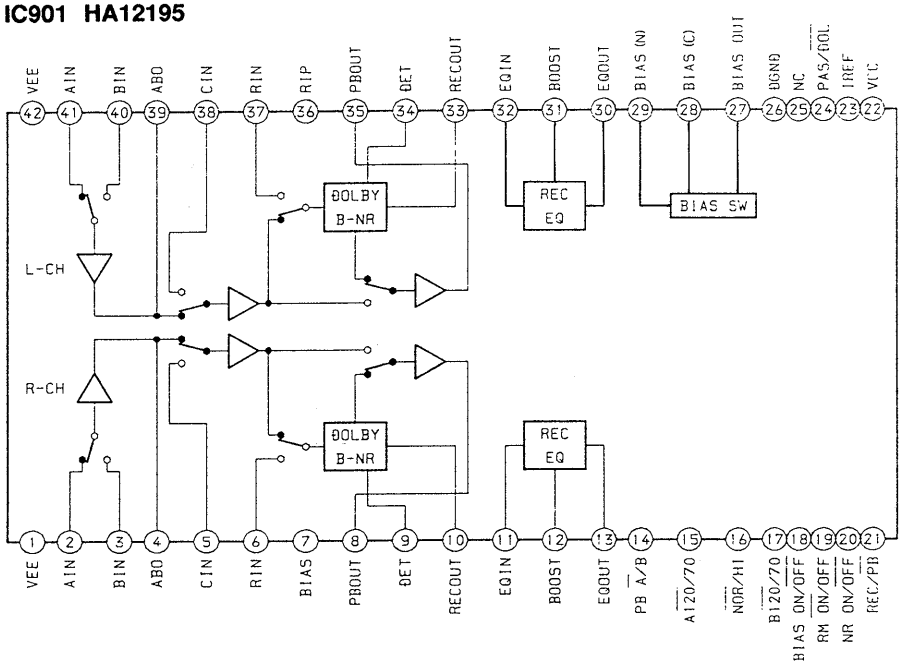
- : B+ Line.
- : B- Line.
- : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark: PLAY
  ( ): REC
  * : can not be measured.
- Voltages are taken with a VOM (input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  CND: Canadian model.
  G : German model.
  IT : Italian model.
  EA : Saudi Arabia model.
  MX : Mexican model.
  AUS: Australian model.
  AR : Argentine
- Signal path.
  : PB (DECK A)
  : PB (DECK B)
  : REC (DECK B)

• **IC Block Diagrams.**

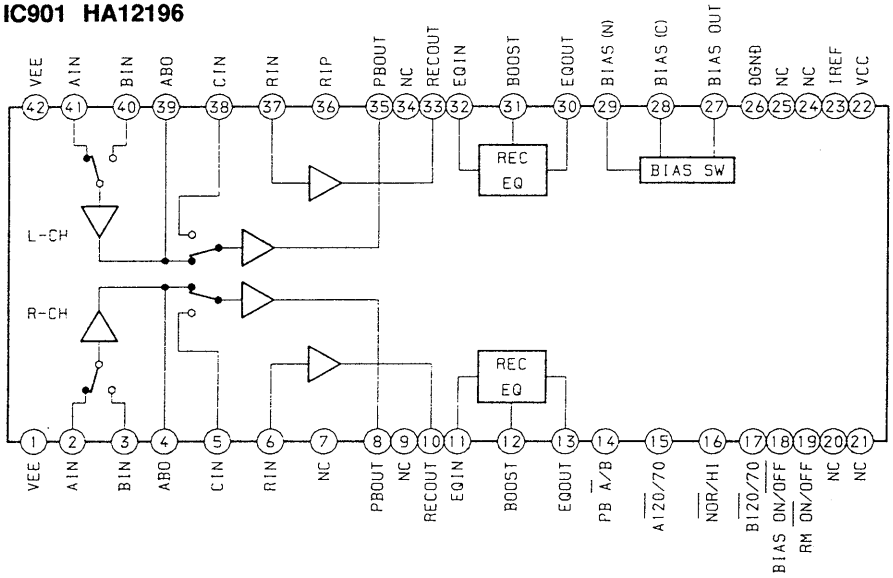
IC602 μPC1330HA



IC901 HA12195



IC901 HA12196



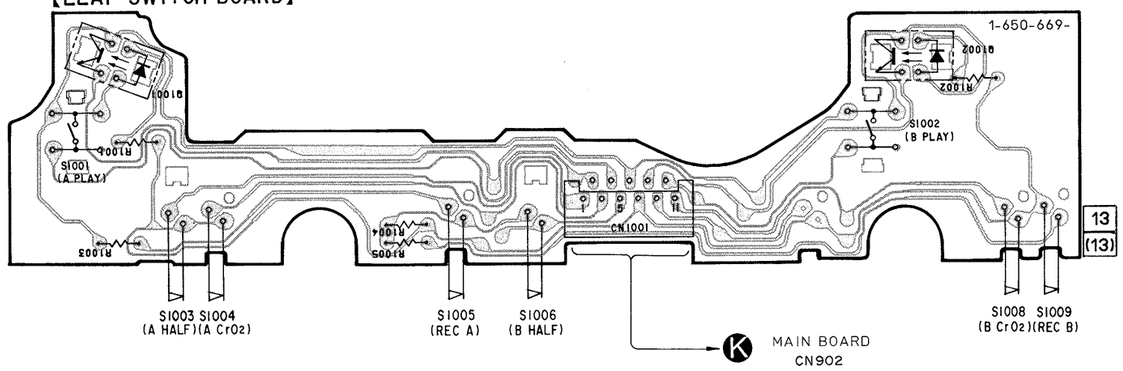
6-8. PRINTED WIRING BOARD — DECK SECTION —

- See page 18 for Circuit Boards Location.
- See page 66 for Semiconductor Lead Layouts.

NOTE

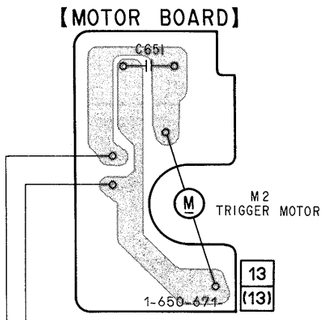
- : Pattern from the side which enable seeing.

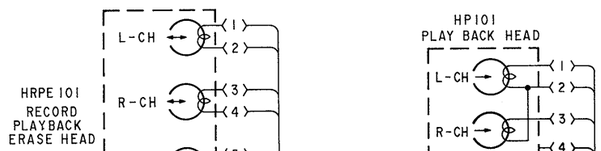
【LEAF SWITCH BOARD】



(Page 20)

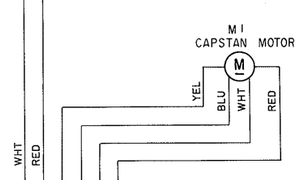
【MOTOR BOARD】



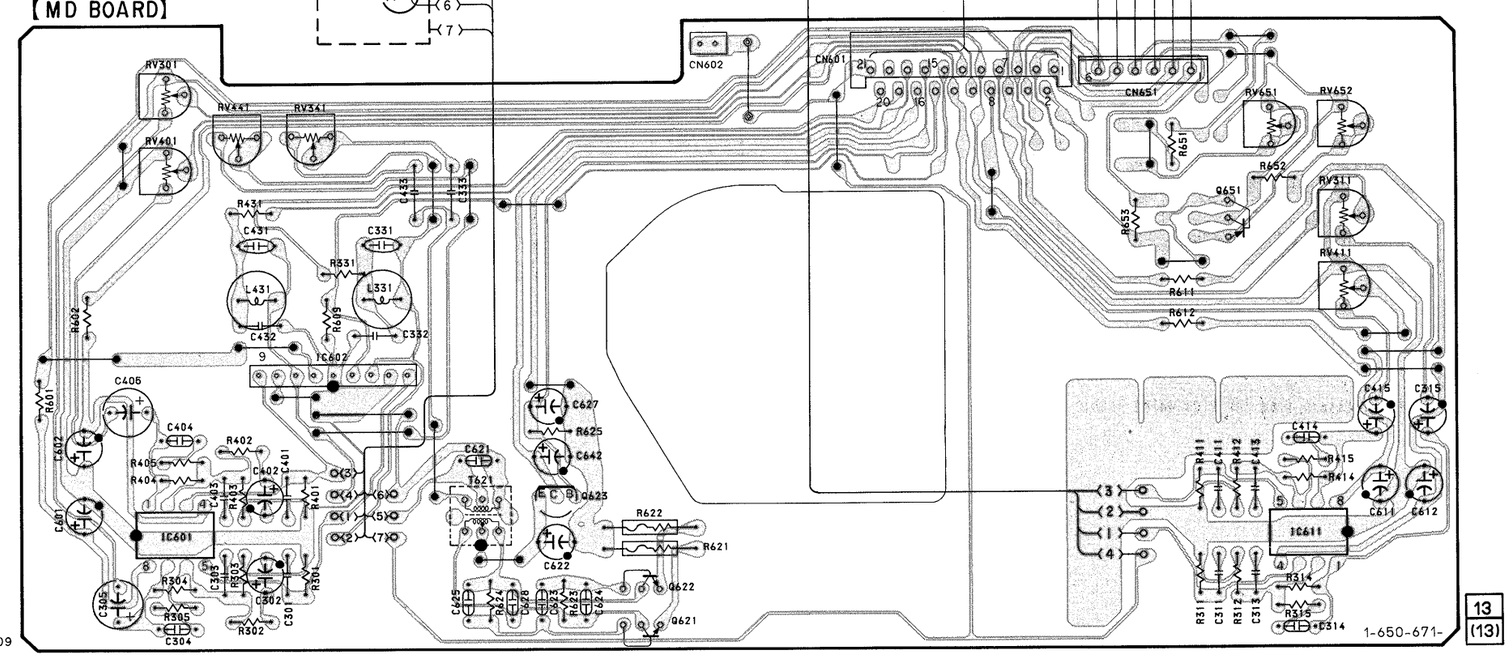


(Page 20)

MAIN BOARD
CN901
J



【MD BOARD】



09

- **Semiconductor Location**

Ref. No.	Location
IC601	H-3
IC602	G-4
IC611	H-9
Q621	I-6
Q622	H-6
Q623	H-5
Q651	F-9
Q1001	B-2
Q1002	B-6

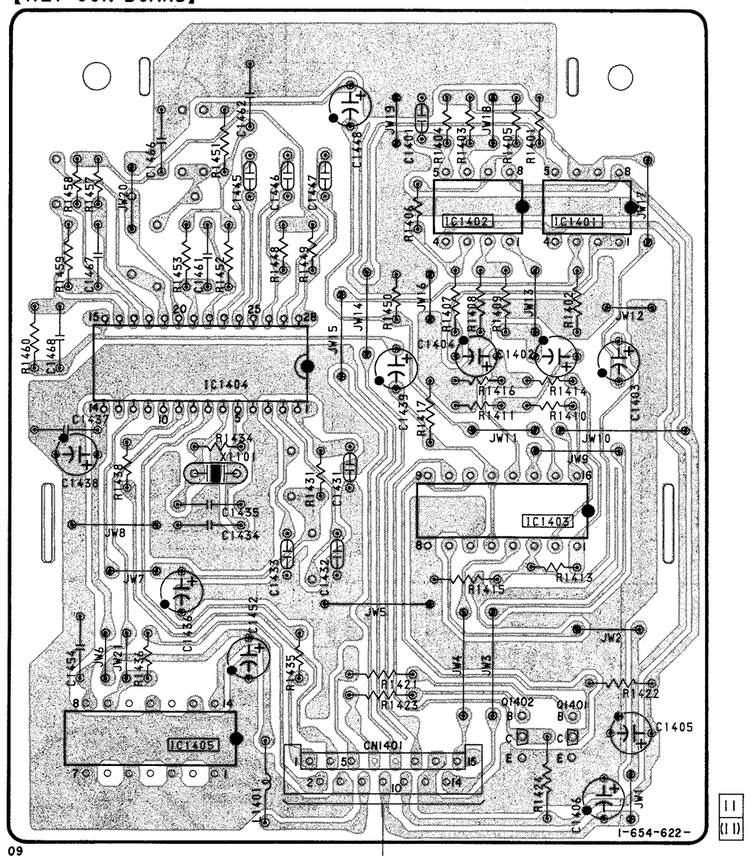
6-9. PRINTED WIRING BOARD — KARAOKE SECTION — (N350K MODEL ONLY)

- See page 18 for Circuit Boards Location.
- See page 66 for Semiconductor Lead Layouts.

- **Semiconductor Location**

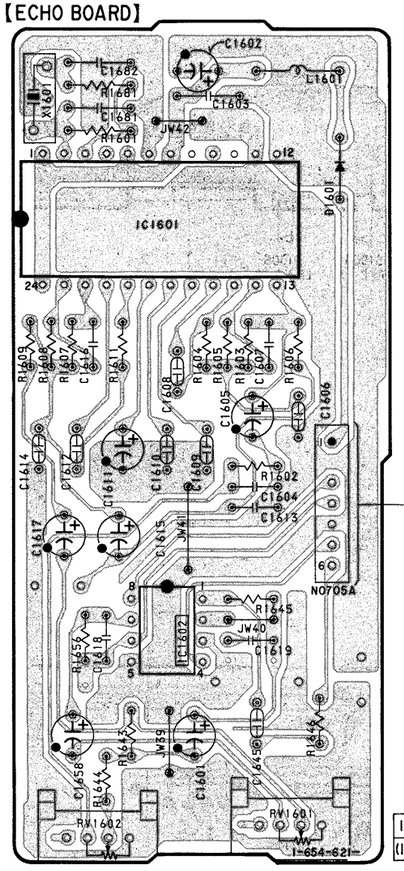
Ref. No.	Location
D1601	B-8
IC1401	C-4
IC1402	C-4
IC1403	E-4
IC1404	D-2
IC1601	C-7
IC1602	E-7
IC1603	D-10
Q1401	F-4
Q1402	F-4

【KEY CON BOARD】

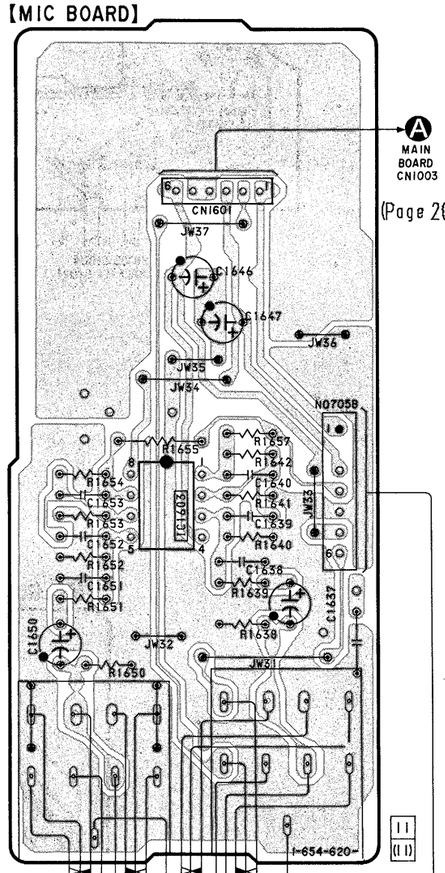


(Page 19)

【ECHO BOARD】



【MIC BOARD】

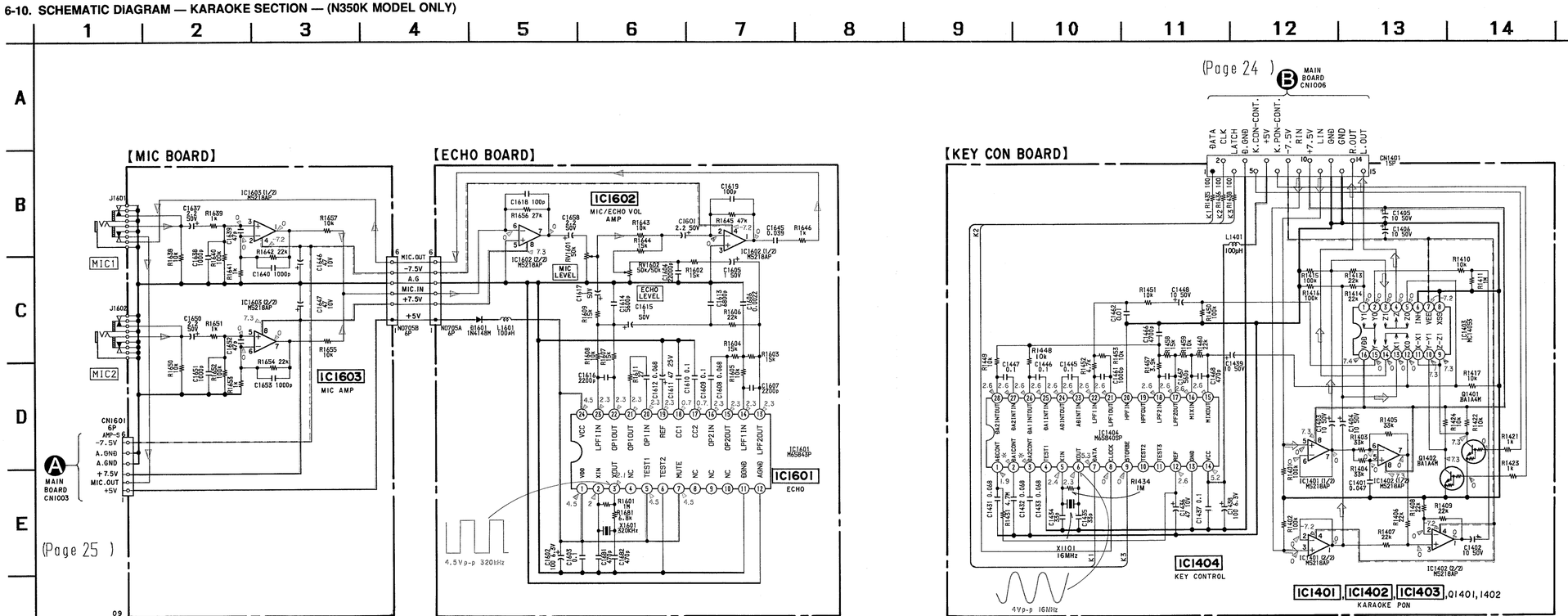


(Page 20)

NOTE

- ▒▒ :Pattern from the side which enable seeing.

6-10. SCHEMATIC DIAGRAM — KARAOKE SECTION — (N350K MODEL ONLY)



NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ▭ :panel designation.

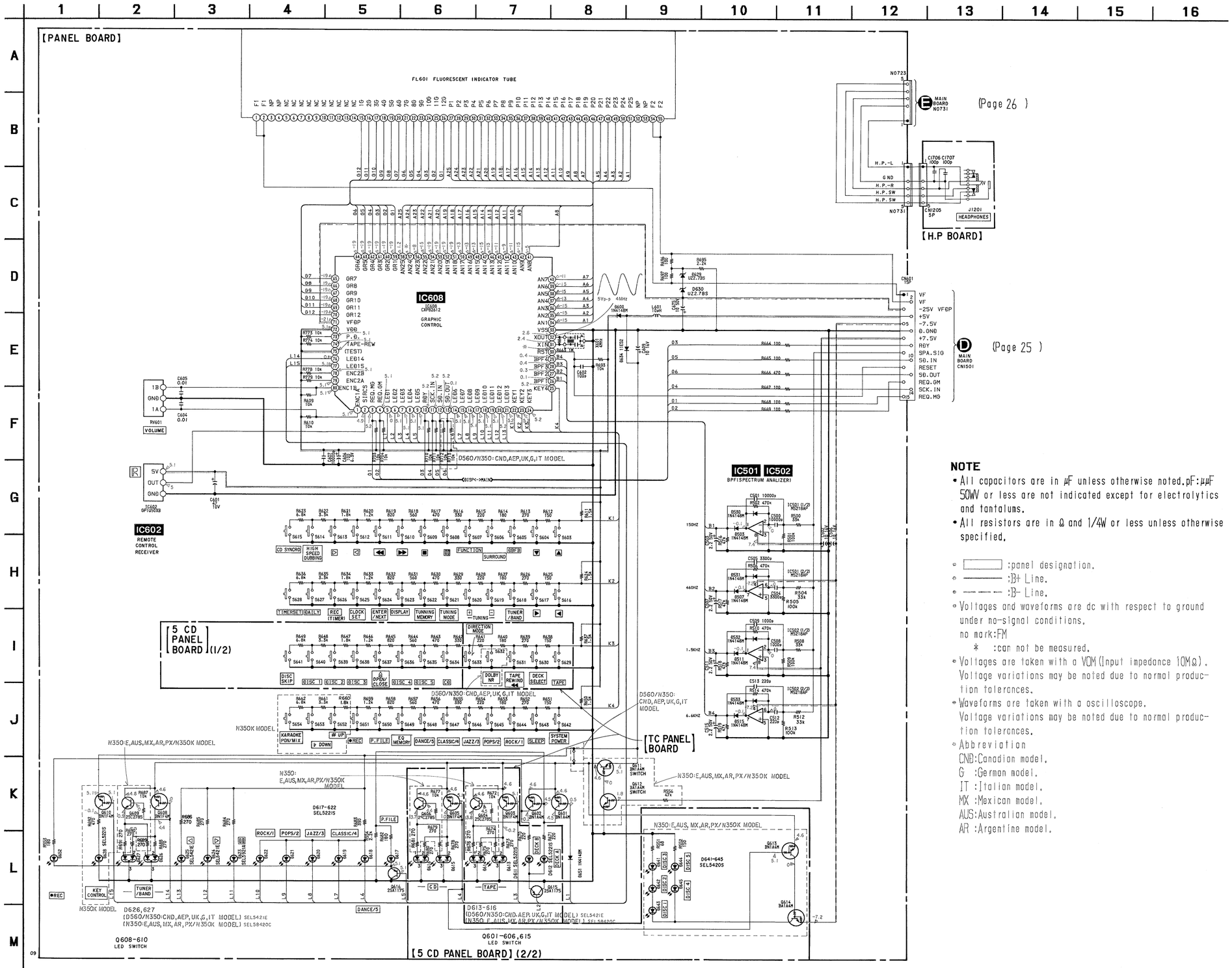
◦ ——— :B+ Line.
◦ — — — :B- Line.
◦ Voltages and waveforms are dc with respect to ground under no-signal conditions,
no mark: FM
* :can not be measured.

◦ Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
◦ Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.

◦ Signal path.
⇨ :FM
▷ :MIC

6-11. SCHEMATIC DIAGRAM — PANEL SECTION —

• See page 67 for IC Pin Functions. (IC608)



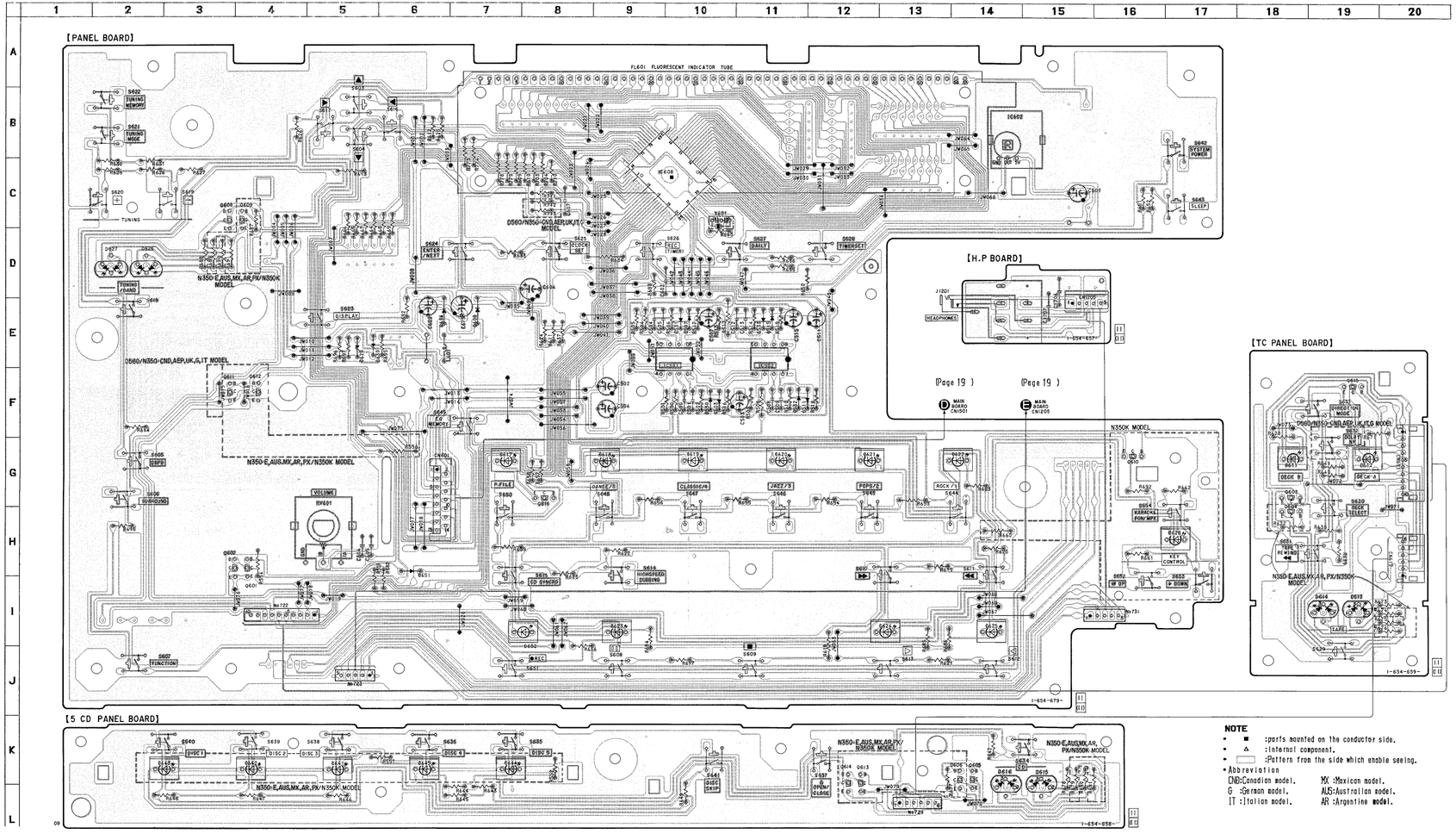
NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.

- ▭ :panel designation.
- ——— :B+ Line.
- — — — :B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark:FM
  * :can not be measured.
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  CND:Canadian model.
  G :German model.
  IT :Italian model.
  MX :Mexican model.
  AUS:Australian model.
  AR :Argentine model.

6-12. PRINTED WIRING BOARD — PANEL SECTION —

- See page 18 for Circuit Boards Location.
- See page 66 for Semiconductor Lead Layouts.



NOTE

- ■ :parts mounted on the conductor side.
- △ :internal component.
- :Pattern from the side which enable seeing.
- Abbreviation
  CND:Canadian model. MX :Mexican model.
  G :German model. AUS:Australian model.
  IT :Italian model. AR :Argentine model.

- **Semiconductor Location**

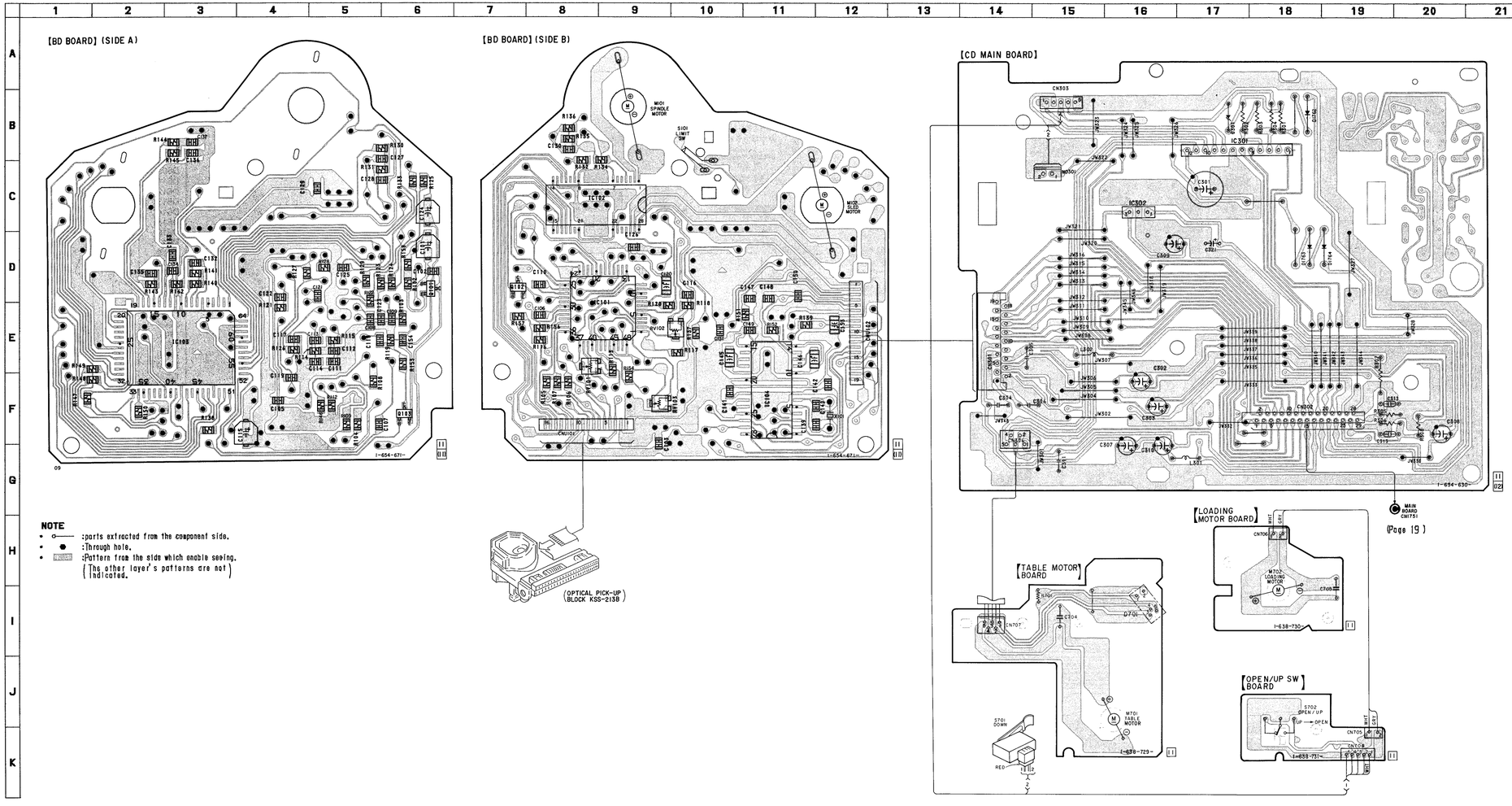
Ref. No.	Location
D503	F-10
D507	E-10
D511	F-12
D515	E-11
D530	F-10
D531	E-10
D532	F-11
D533	E-11
D600	E-7
D611	G-18
D612	G-19
D613	I-19
D614	I-19
D615	K-15
D616	K-14
D617	G-7
D618	G-9
D619	G-10
D620	G-11
D621	G-13
D622	G-14
D623	I-9
D624	I-13
D625	I-14
D626	D-2
D627	D-2
D628	H-17
D629	E-5
D630	E-5
D634	E-6
D641	K-5
D642	K-4
D643	K-3
D644	K-7
D645	K-6
D651	H-6
D652	I-8
IC501	E-10
IC502	E-11
IC602	C-14
IC608	C-10
Q601	I-4
Q602	H-3
Q603	G-18
Q604	H-18
Q605	K-14
Q606	K-14
Q608	C-3
Q609	C-4
Q610	G-16
Q611	F-3
Q612	F-4
Q613	K-12
Q614	K-12
Q615	F-19
Q616	G-8

6-13. PRINTED WIRING BOARD — CD SECTION —

• See page 18 for Circuit Boards Location.
• See page 66 for Semiconductor Lead Layouts.

• **Semiconductor Location**

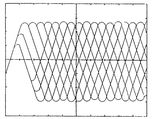
Ref. No.	Location
D301	B-17
D701	I-16
D1762	B-18
D1763	D-18
D1764	D-19
IC101	D-9
IC102	C-8
IC103	E-3
IC104	F-11
IC301	B-17
IC302	C-16
Q101	D-6
Q102	D-7
Q103	F-6


[BD BOARD] (SIDE A)
[BD BOARD] (SIDE B)
[CD MAIN BOARD]
NOTE
• o—— :parts extracted from the component side.
• ● :Through hole.
• ▨ :Pattern from the side which enable seeing.
(The other layer's patterns are not indicated.)
(OPTICAL PICK-UP (BLOCK KSS-213B)
[TABLE MOTOR BOARD]
[LOADING MOTOR BOARD]
[OPEN/UP SW BOARD]
(Page 19)

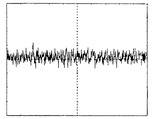
6-14. SCHEMATIC DIAGRAM — CD SECTION —

• Waveforms.

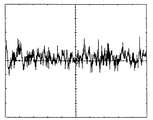
① IC101 ⑪ 1.4Vp-p



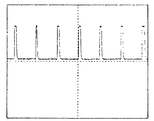
② IC101 ㊹ 8mVp-p 0.2ms/DIV



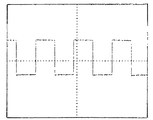
③ IC101 ② 20mVp-p 2ms/DIV



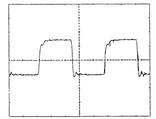
④ IC103 ⑤ 2.4Vp-p 7.5µsec



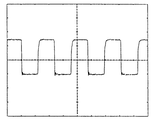
⑤ IC103 ㉘ 5.1Vp-p 137µsec



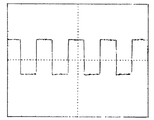
⑥ IC103 ㉕ 5.1Vp-p 232.7µsec



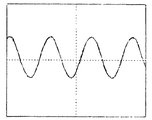
⑦ IC103 ㉒ 5.1Vp-p 472.7µsec

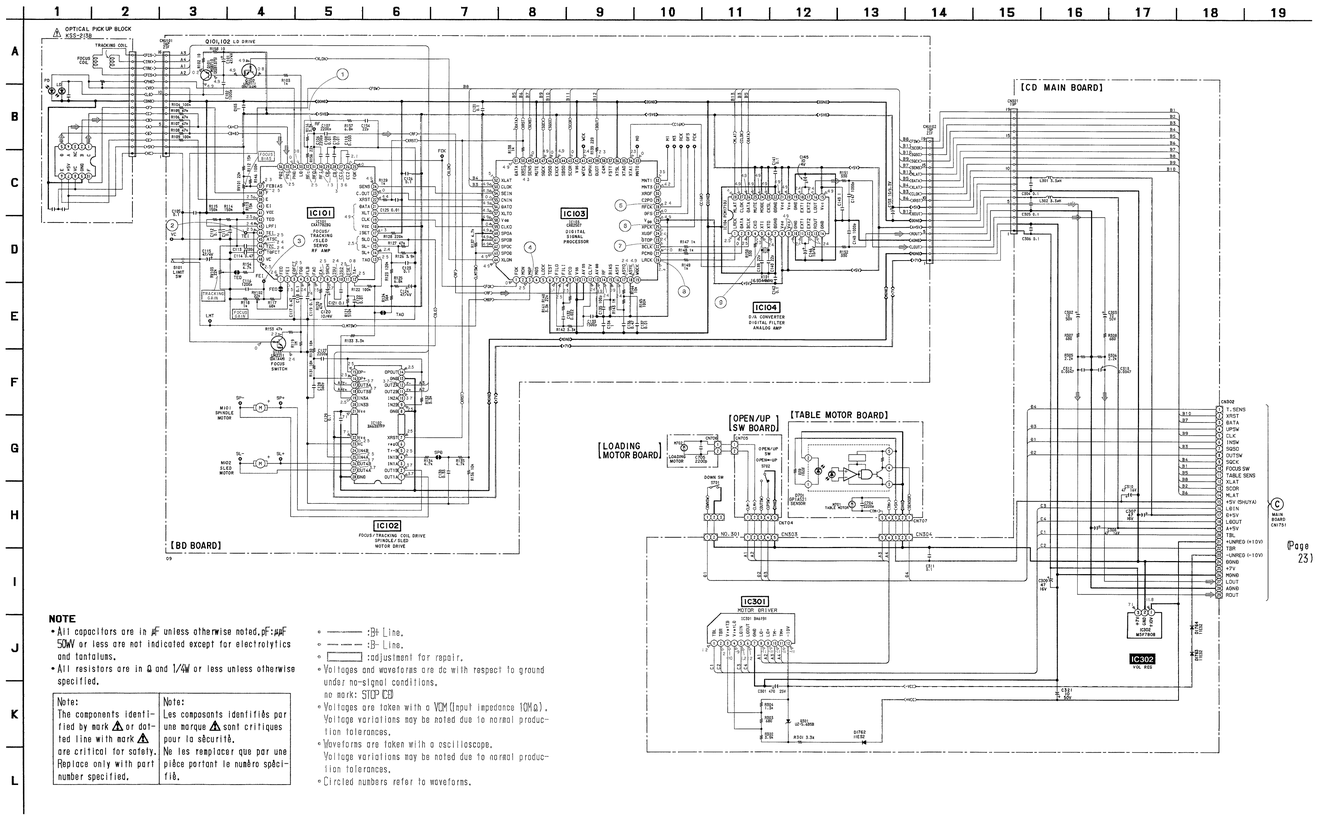


⑧ IC103 ⑳ 5.1Vp-p 23µsec



⑨ IC104 ⑤ 3Vp-p 16.9344MHz





NOTE

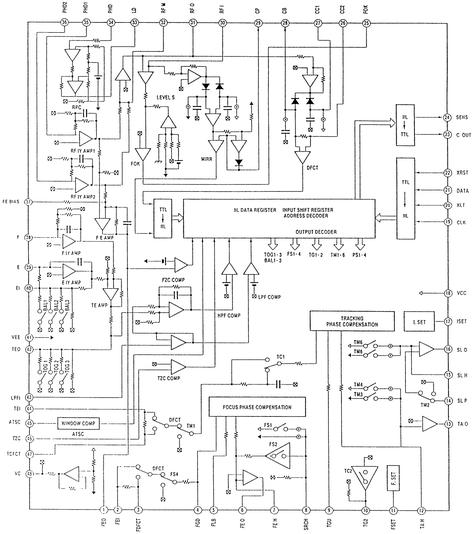
- All capacitors are in µF unless otherwise noted. pF: µµF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

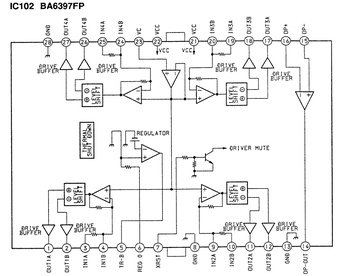
- ——— : B+ Line.
- ——— : B- Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark: STOP CD
- Voltages are taken with a VOM (Input impedance 10MΩ).
  Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.

• IC Block Diagrams.

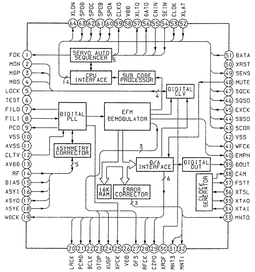
IC101 CXA1782BQ



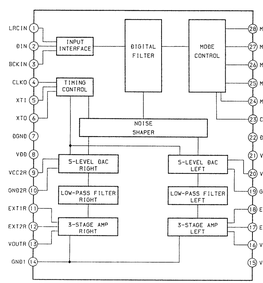
IC102 BA6397FP


OUT1A OUT1B IN1A IN1B VC VCC IN3B IN3A OUT3B OUT3A GP+
DRIVE BUFFER
SLED SERVO
SPINDLE SERVO
THERMAL SHUTDOWN
REGULATOR
DRIVER MUTE
GP-
OUT2A OUT2B IN2A IN2B IN-SEL REG O XRST GND IN4A IN4B OUT4B OUT4A GP-OUT

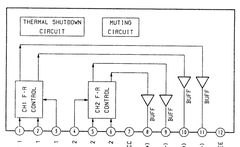
IC103 CXD2507


FOK MON MDP MDS LOCK TEST FILO FILI PCO VSS AVSS CLTV AVDD RF BIAS ASYI ASYO ASYE WDCK
SERVO AUTO SEQUENCER
SUB CODE DEMODULATOR
DIGITAL PLL
EFM DEMODULATOR
ASYMMETRIC CORRECTOR
C/A INTERFACE
DIGITAL OUT
ERROR CORRECTOR
RAM CORRECTION
DATA XRST SENS MUTE SCOK SQSO EXCK SBSO SCOR VSS WFCK EMPH XOUT C4M FSTT XTSL XTAO XTAI MNTO
LOCK MON MDP MDS TEST VSS AVSS VDD RFCK CSPD MNT3 MNT2 MNT1

IC104 PCM1710U

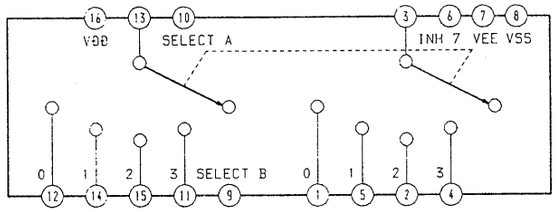

LRCIN DIN BCKIN CLKO XTI XTO DGND VDD VCC2R GND2R EXT1R EXT2R VOUTR GND1
INPUT INTERFACE
TIMING CONTROL
NOISE SHAPER
BIGITAL FILTER
MODE CONTROL
5-LEVEL DAC RIGHT
5-LEVEL DAC LEFT
LOW-PASS FILTER RIGHT
LOW-PASS FILTER LEFT
3-STAGE AMP RIGHT
3-STAGE AMP LEFT
HL/DS0 MC/DM2 MD/DM1 MUTE MODE CKSL DGND VDD VCC2L GND2L EXT1L EXT2L VOUTL VCC1

IC301 BA6191

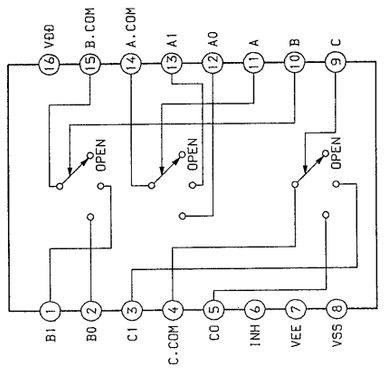


6-15. IC BLOCK DIAGRAMS — MAIN SECTION —

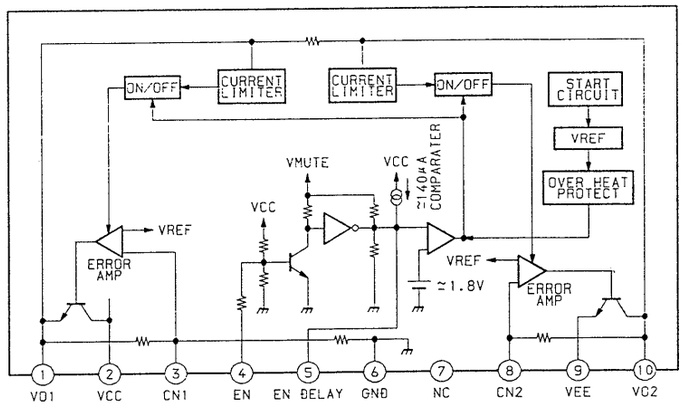
IC1002 MC14052BCP



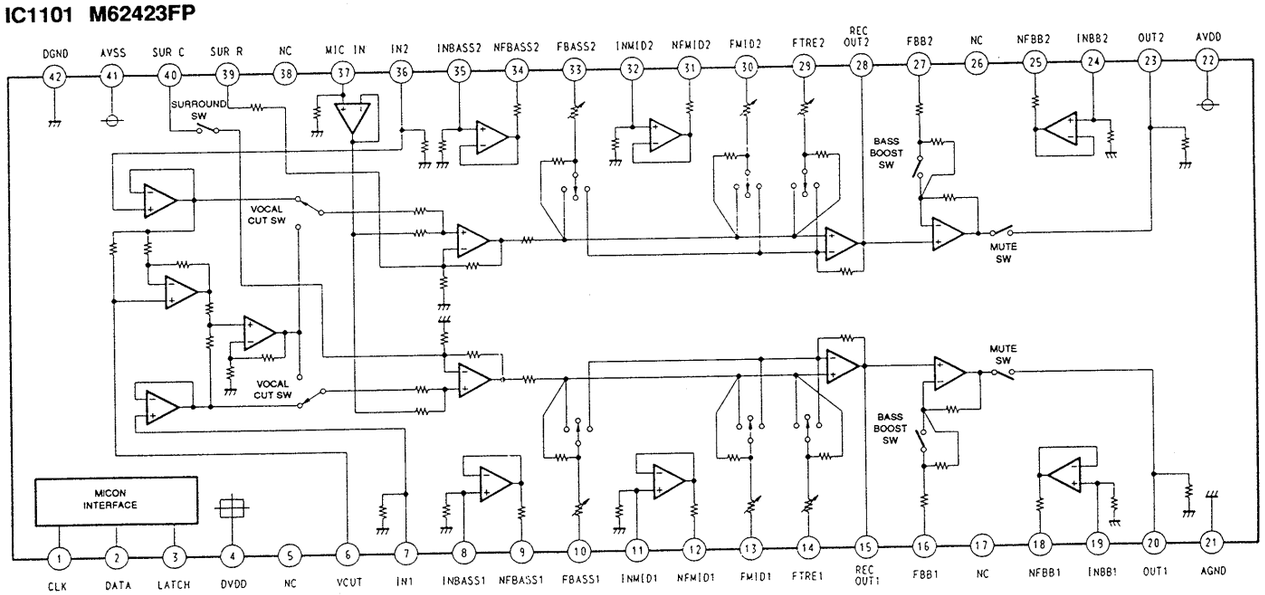
IC1003 MC14053BCP



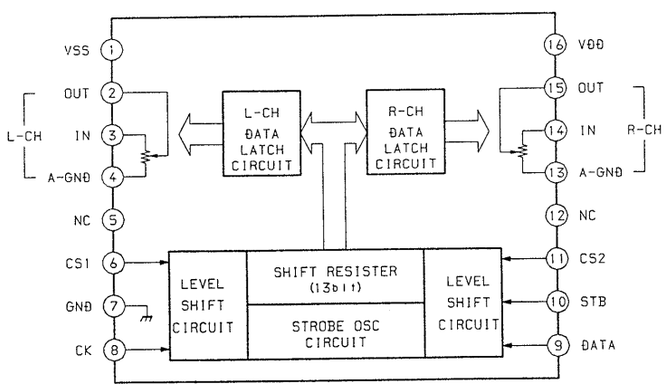
IC1351 LA5618



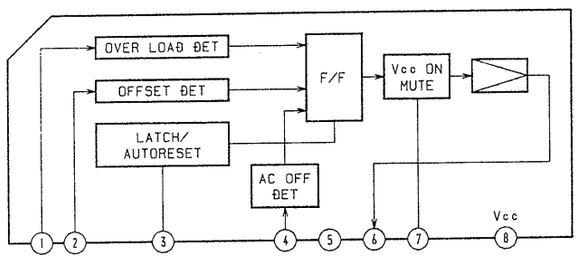
IC1101 M62423FP



IC1131 TC9210P

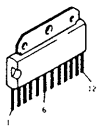


IC1202 μPC1237HA

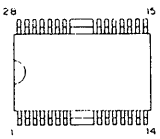


6-16. SEMICONDUCTOR LEAD LAYOUTS

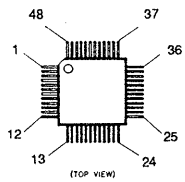
BA6191



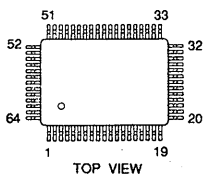
BA6397FP



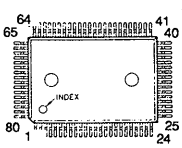
CXA1782BQ



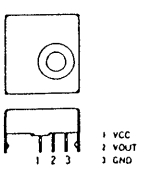
CXD2507AQ



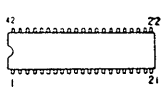
CXP82612-006Q



GP1U50XB

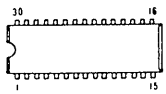


HA12195
HA12196



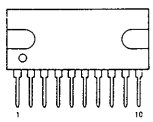
(Top view)

LA1835
M65840SP

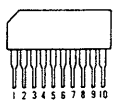


(Top view)

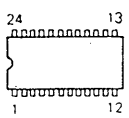
LA5618



LB1641

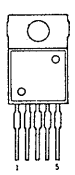


LC72130
M65843P

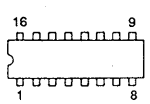


(Top view)

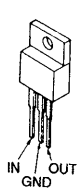
L78MR06



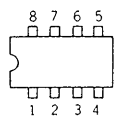
MC14052BCP
MC14053BCP
TC9210P
μPD4053BC



M5F7807

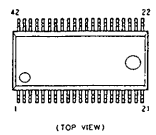


M5218AP
μPC4570C-1

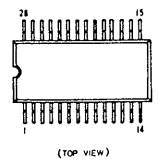


(Top view)

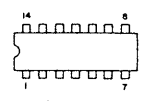
M62423FP



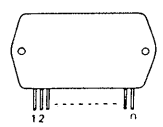
PCM1710U



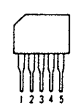
SN74HCU04ANS-E20



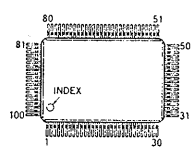
STK-4142MK2
STK-4182MK2
STK-4231MK2



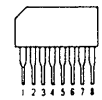
TA7060AP



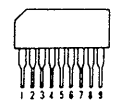
TMP87CP64F-6254



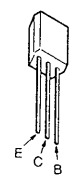
μPC1237HA



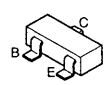
μPC1330HA



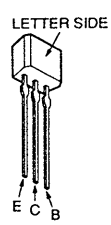
DTA124ES
DTA144ES
DTC114ES
DTC124ES
DTC144ES
2SC2669-OY



MSB710
UN2111
UN2211

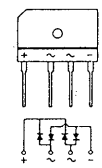


UN4111
2SA1175-HFE
2SC2785-HFE
2SC403SP

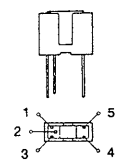


2SB1116-L
2SC1841-PAFAEA
2SC2001-LK
2SD1387
2SD1616A-K

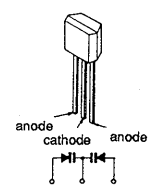
D3SBA20-4101
D5SBA20F01



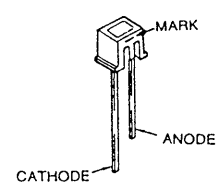
GP-1A521



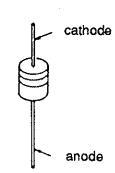
KV1560N



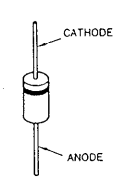
SEL5221S-TH8F
SEL5420S-TP
SEL5421E-TH8F
SEL5421E-TP
SEL5921A-TH8F
SEL58420C-TP



HZS9A2L
HZS7B2L
HZS27-2L
UZ-2.7BSA
UZ-5.6BSB
UZL-11M1
11ES2



1N4148M
1S1585
10E2



6-17. IC PIN FUNCTIONS

• IC608 GRAPHIC CONTROL (CXP82612-006Q) IC PIN FUNCTIONS

Pin No.	Pin Name	I/O	Function
1	ENC1A	I	Volume encoder signal input.
2	SIRCS	I	SIRCS signal input.
3	REQ. MG	I	Reguest signal from master control.
4	REQ. GM	O	Reguest signal to master control.
5,–9	$\overline{\text{LED1–5}}$	O	LED drive signal output.
10	RDY	I/O	RDY signal from/to master control.
11	SCK IN	I	Serial clock input.
12	SD IN	I	Serial data input.
13	SD OUT	O	Serial data output.
14–21	$\overline{\text{LED6–13}}$	O	LED drive signal output.
22–25	KEY1–4	I	Key matrix input.
26–29	BPF1–4	I	Spectram analizer signal input.
30	$\overline{\text{RST}}$	I	Reset signal input.
31	X IN	I	X'tal (4MHz).
32	X OUT	O	
33	Vss	–	GND
34–58	AN1–25	O	FL segment signal output.
59–70	GR1–12	O	FL grid signal output.
71	VFDP	–	–25V for FL
72	VDD	–	+5V
73, 74	PD	I	Not used. (Pull up)
75	VDD	–	+5V
76, 77	$\overline{\text{LED14, 15}}$	O	LED drive signal output.
78, 79	ENC2B, A	I	Not used. (Pull up)
80	ENC1B	I	Volume encoder signal input.

• IC1051 MASTER CONTROL (TMP87CP64F-6254)

Pin No.	Pin Name	I/O	Function
1	Vss	I/O	GND
2	XOUT	–	X'tal (8MHz).
3	XIN	I	
4	$\overline{\text{RESET}}$	I	Reset signal input.
5	XOUT	O	X'tal for clock (32.768kHz)
6	XIN	I	
7	GND (test)	–	GND
8	$\overline{\text{BACK UP}}$	I	Back up signal input.
9	$\overline{\text{COUNT SW}}$	I	Not used.
10	$\overline{\text{INIT SW}}$	I	
11	$\overline{\text{DISC SENS}}$	I	
12	$\overline{\text{MID SENS}}$	I	
13	$\overline{\text{CD XRST}}$	O	Reset signal output for CD.
14	$\overline{\text{POWER ON}}$	O	Power on signal output.
15	$\overline{\text{MUTE (TA)}}$	O	Mute signal for AMP.
16	MPX ON	O	Control signal output for MPX. (N350K)
17	KEY CON LATCH	O	Latch signal for KEY CON. (N350K)
18	VOL LATCH	O	Latch signal for electrical volume.
19	K-CON	O	Control siganl output for KEY CON. (N350K)
20	K-PON B	O	Control signal output for KARAOKE PON. (N350K)
21	FUNC A	O	Input selector control signal output.
22	FUNC B	O	
23	FUNC C	O	
24	GEQ. LATCH	O	Latch signal for graphic equalizer
25	$\overline{\text{RDS INT}}$	I	Not used. (Pull up)
26	SCOR	I	Sub-code sync signal input.
27	SENS	I	Table sence signal input.
28	CD POWER	O	CD power control signal output.
29	CD. G-LATCH	O	Not used.
30	DBFB1-2	O	DBFB switching signal output.
31	ST-MUT	O	Mute signal output for tuner.
32	ST-CE	O	Latch signal output for tuner.
33	$\overline{\text{STEREO}}$	I	Stereo detection signal from tuner.
34	$\overline{\text{TUNED}}$	I	Tuned detection signal from tuner.
35	SQ (RDS) CLK	O	Clock output for sub-Q.
36	SQ (RDS) DI	I	Sub-Q input.
37	RDS RESET	O	Not used.
38	CLK	O	Clock output. Serial bus line.
39	D IN	I	Data input. Serial bus line.
40	D OUT	O	Data output. Serial bus line.

Pin No.	Pin Name	I/O	Function
41	$\overline{\text{TABLE SENS}}$	I	Sense signal input.
42	REQ GM	I	Request signal from graphic control.
43	REQ MG	O	Request signal to graphic control.
44	CLK MG	O	Clock signal to graphic control.
45	DI GM	I	Data input from graphic control.
46	DO MG	O	Data output to graphic control.
47	MC RDY	I/O	RDY signal from/to graphic control.
48	VAREF	I	Analog reference voltage input.
49	VAss	–	GND
50	Vss	–	
51	V_{DD}	–	+5V
52	UNGENT. SIG	I	Not used. (Pull up)
53	URGENT. STBY	O	Not used.
54–57	SUBKEY4–1	I	Test land.
58, 59	DEST2, 1	I	Not used.
60, 61	PWM1, 2	I	
62	B-PLAY	I	Control signal input from deck.
63	B-SHUT	I	
64	B-HALF	I	
65	A-SHUT	I	
66	A-PLAY	I	
67	A-HALF	I	
68	CAP M H/L	O	Control signal output for capstan motor.
69	CAP M ON/OFF	O	
70	TRIG H/L	O	Control signal output for trigger motor.
71	B TRIG	O	
72	A TRIG	O	
73	RELAY REC/$\overline{\text{PB}}$	O	Control signal output for deck.
74	PB $\overline{\text{A}}$/B	O	
75	EQ $\overline{\text{NORM}}$/HIGH	O	
76	BIAS ON $\overline{\text{OFF}}$	O	
77	RM $\overline{\text{ON}}$/OFF	O	
78	REC/$\overline{\text{PB}}$	O	
79	NR ON/OFF	O	
80	LM $\overline{\text{ON}}$/OFF	O	Mute signal output for deck.
81	PASS	O	Dolby switching signal output.
82	CDG MUTE	O	Not used.
83	UP MOTOR	O	
84	DOWN MOTOR	O	
85	TABLE R (5CD)	O	Table control signal output.

Pin No.	Pin Name	I/O	Function
86	TABLE L (5CD)	O	Table control signal output.
87	LOAD OUT	O	Loading motor control signal output.
88	LOAD IN	O	
89	DF LATCH	O	Latch signal for digital filter.
90	XLT	O	Latch signal digital signal processor.
91	FOCUS SW	O	Focus switching signal output,.
92	$\overline{\text{DUB HI}}$	I	Hi speed dubbing signal input.
93	TEST-1	I	Test land.
94	$\overline{\text{OUT SW}}$	I	Out switch signal input.
95	$\overline{\text{IN SW}}$	I	Down switch signal input.
96	$\overline{\text{UP SW}}$ (5CD)	I	Up switch signal input.
97	$\overline{\text{PANEL SW}}$ (MAGK)	I	Not used.
98	$\overline{\text{CLOSE SW}}$	I	
99	$\overline{\text{OPEN SW}}$	I	
100	V_{DD}	—	+5V

SECTION 7
EXPLODED VIEWS

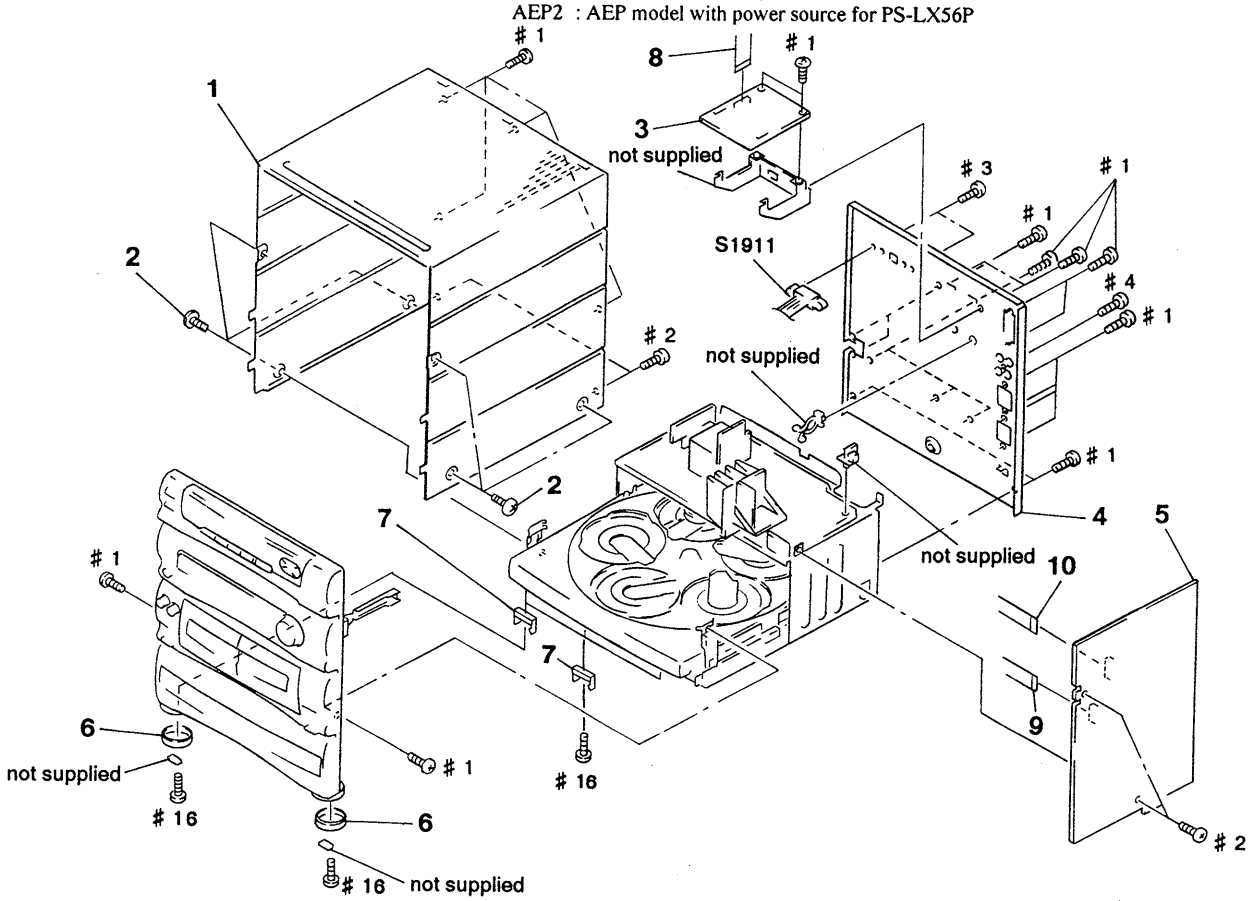
NOTE:
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

- Abbreviation
  CND : Canadian model
  G : German model
  IT : Italian model
  EA : Saudi Arabia model
  MX : Mexican model
  SP : Singapore model
  MY : Malaysia model
  AUS : Australian model
  E2 : E model with power source for PS-LX56P
  E3 : E model without power source for PS-LX56P
  AR : Argentine model
  AEP1 : AEP model without power source for PS-LX56P
  AEP2 : AEP model with power source for PS-LX56P

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

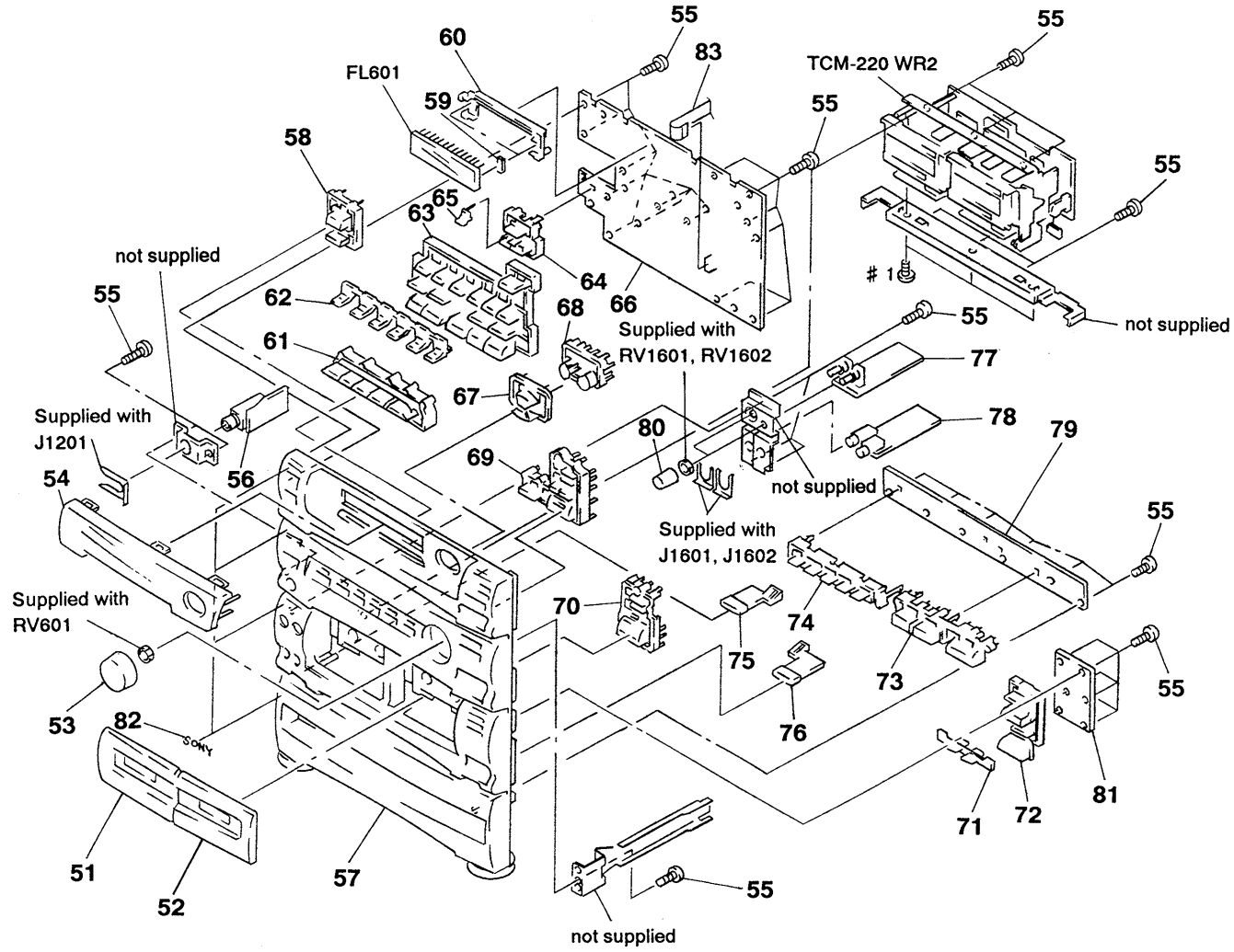
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

7-1. CASE SECTION



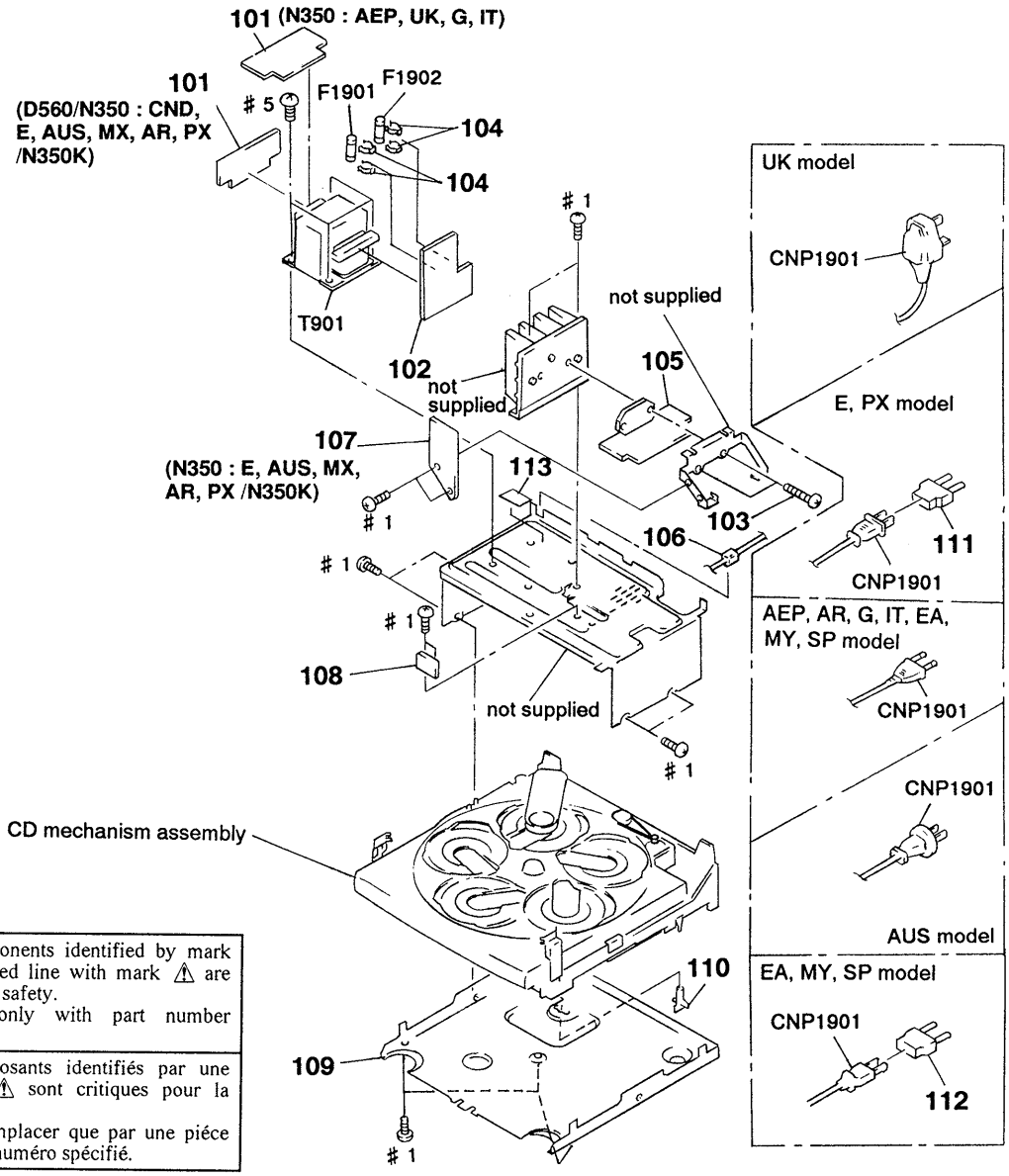
Ref. No.	Part No.	Description	Remark
1	4-962-724-31	CASE (CDM)	
2	3-363-099-01	SCREW (CASE 3 TP2)	
* 3	A-4377-135-A	KEY-CON BOARD, COMPLETE (N350K)	
* 4	4-969-795-01	PANEL, BACK (D560)	
* 4	4-969-795-11	PANEL, BACK (N350:CND)	
* 4	4-969-795-31	PANEL, BACK (N350:AEP2)	
* 4	4-969-795-51	PANEL, BACK (N350:AEP1)	
* 4	4-969-795-61	PANEL, BACK (N350:G)	
* 4	4-969-795-71	PANEL, BACK (N350:IT)	
* 4	4-969-795-81	PANEL, BACK (N350:UK)	
* 4	4-970-165-01	PANEL, BACK (N350:E2)	
* 4	4-970-165-11	PANEL, BACK (N350:MX)	
* 4	4-970-165-21	PANEL, BACK (N350:E3, AR)	
* 4	4-970-165-31	PANEL, BACK (N350:AUS)	
* 4	4-970-165-41	PANEL, BACK (N350:PX)	
* 4	4-970-165-51	PANEL, BACK (N350K:EA)	
* 4	4-970-165-61	PANEL, BACK (N350K:E)	
* 4	4-970-165-71	PANEL, BACK (N350K:MY)	
* 4	4-970-165-81	PANEL, BACK (N350K:SP)	
* 5	A-4377-060-A	MAIN BOARD, COMPLETE (N350:AEP2, UK)	
* 5	A-4377-087-A	MAIN BOARD, COMPLETE (D560/N350:CND)	
* 5	A-4377-101-A	MAIN BOARD, COMPLETE (N350:E2)	
* 5	A-4377-123-A	MAIN BOARD, COMPLETE (N350K:E, MY, SP)	
* 5	A-4377-475-A	MAIN BOARD, COMPLETE (N350K:EA)	
* 5	A-4377-625-A	MAIN BOARD, COMPLETE (N350:E3, MX, AR, PX)	
* 5	A-4377-627-A	MAIN BOARD, COMPLETE (N350:AUS)	
* 5	A-4377-629-A	MAIN BOARD, COMPLETE (N350:AEP1)	
* 5	A-4377-809-A	MAIN BOARD, COMPLETE (N350:G)	
* 5	A-4377-812-A	MAIN BOARD, COMPLETE (N350:IT)	
6	4-921-918-11	PLATE, ORNAMENTAL	
7	4-962-705-01	CHASSIS, HOLDER	
8	1-690-113-11	WIRE, FLAT TYPE (15 CORE) (N350K)	
9	1-590-459-11	WIRE, FLAT TYPE (11 CORE)	
10	1-769-665-11	WIRE (FLAT TYPE) (21 CORE)	
⚠S1911	1-570-046-21	SWITCH, VOLTAGE CHANGE (N350:E, AR, PX/N350K:E, EA, SP)	

7-2. FRONT PANEL SECTION



Ref.No.	Part No.	Description	Remark
51	X-4945-503-1	LID (A) ASSY, CASSETTE	
52	X-4945-504-1	LID (B) ASSY, CASSETTE	
53	4-969-683-21	KNOB (V)	
54	4-969-694-11	DISPLAY (ST)	
55	4-951-620-01	SCREW (2.6X8), +BVTP	
* 56	1-654-657-11	H.P. BOARD	
57	4-969-657-11	PANEL, FRONT (N350:CND, AEP, UK, G, IT)	
57	4-969-657-31	PANEL, FRONT (N350K)	
57	4-969-657-41	PANEL, FRONT (N350:E, AUS, MX, AR, PX)	
57	4-969-657-51	PANEL, FRONT (D560)	
58	4-969-693-11	BUTTON (POWER)	
* 59	4-949-935-21	CUSHION (FL)	
* 60	4-969-681-11	HOLDER, FL TUBE	
61	4-969-695-11	BUTTON (TIMER)	
62	4-969-698-11	INDICATOR (TA)	
63	X-4945-500-1	BUTTON (PLAY) ASSY (D560/N350:CND, AEP, UK, AUS, PX, G, IT/N350K)	
63	X-4945-535-1	BUTTON (PLAY) ASSY (N350:E, MX, AR)	
64	4-969-676-11	BUTTON (KARAOKE) (N350K)	
65	4-970-713-11	INDICATOR (KARAOKE) (N350K)	
* 66	A-4377-067-A	PANEL BOARD, COMPLETE (N350:AEP, UK, G, IT)	
* 66	A-4377-094-A	PANEL BOARD, COMPLETE (D560/N350:CND)	
* 66	A-4377-106-A	PANEL BOARD, COMPLETE (N350:E, AUS, MX, AR, PX)	
* 66	A-4377-132-A	PANEL BOARD, COMPLETE (N350K)	
67	4-969-666-11	BUTTON (CURSOR 1)	
68	4-969-667-11	BUTTON (CURSOR 2)	
69	X-4945-498-1	BUTTON (ST) ASSY	
70	4-969-669-11	BUTTON (TA)	
71	4-969-705-11	INDICATOR (TC)	
72	X-4945-501-1	BUTTON (TC) ASSY	
73	X-4945-502-1	BUTTON (CDM) ASSY	
74	4-970-720-01	BUTTON (DISC5-B) (D560/N350:CND, AEP, UK, G, IT)	
74	4-970-721-01	BUTTON (DISC5-W) (N350:E, AUS, MX, AR, PX/N350K)	
75	4-969-706-11	BUTTON (EJECT-L)	
76	4-969-707-11	BUTTON (EJECT-R)	
* 77	A-4377-133-A	ECHO BOARD, COMPLETE (N350K)	
* 78	1-654-620-11	MIC BOARD (N350K)	
* 79	1-654-658-11	5CD PANEL BOARD	
80	4-955-744-01	KNOB (BA) (N350K)	
* 81	1-654-659-11	TC PANEL BOARD	
82	4-963-404-01	EMBLEM (5-A), SONY	
83	1-590-458-31	WIRE, FLAT TYPE (15 CORE)	
FL601	1-517-341-11	INDICATOR TUBE, FLUORESCENT	

7-3. CHASSIS SECTION



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Replace only with part number specified.

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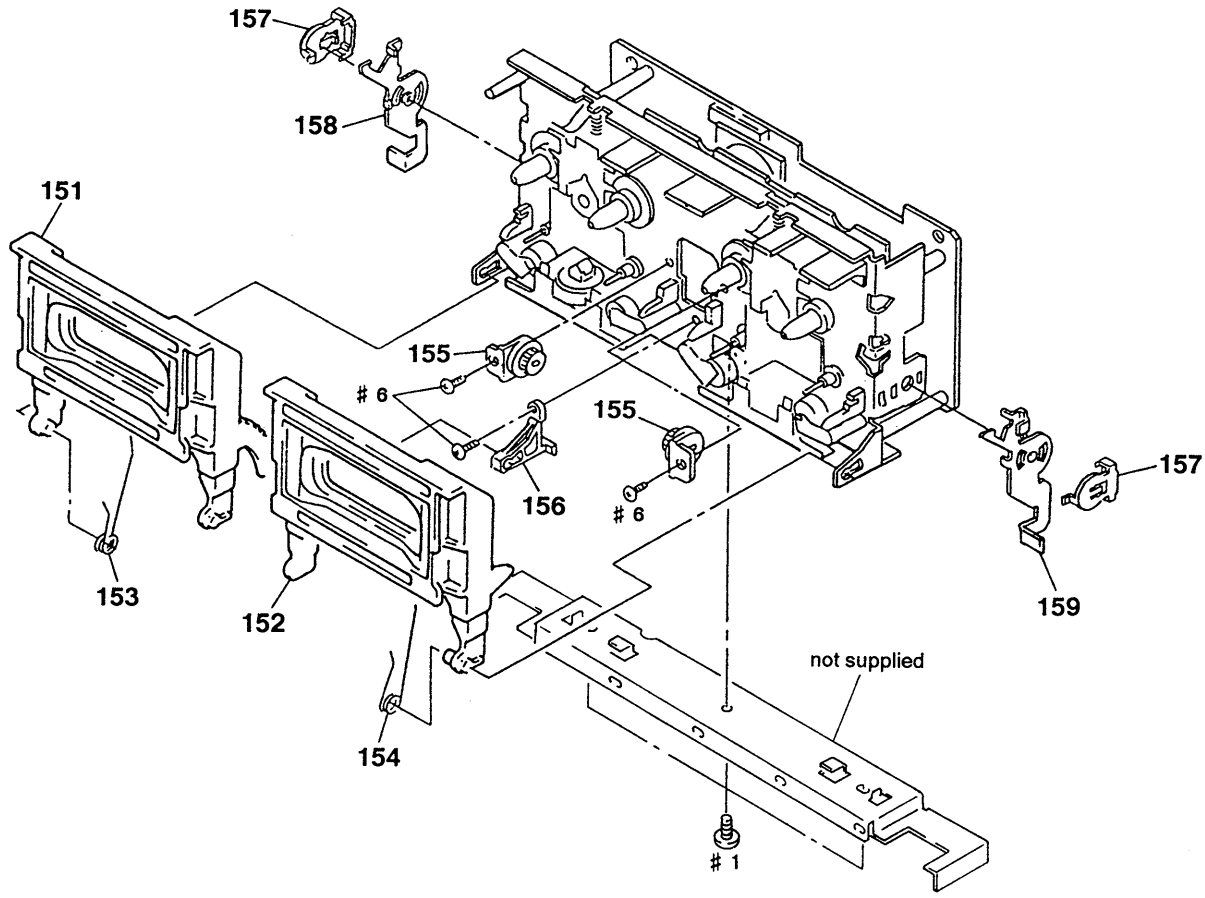
Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
* 101	1-654-694-11	POWER PRIMARY BOARD (N350:AEP, UK, G, IT)	
* 101	1-654-695-11	POWER PRIMARY BOARD (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
* 102	1-654-651-11	POWER BOARD (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
* 102	1-654-654-11	POWER BOARD (N350:AEP, UK, G, IT)	
103	4-928-635-11	SCREW, +BV (2.6X16) TAPPING (D560)	
104	1-533-217-31	HOLDER, FUSE	
* 105	A-4377-077-A	POWER AMP BOARD, COMPLETE (N350:AEP, UK, G, IT)	
* 105	A-4377-097-A	POWER AMP BOARD, COMPLETE (D560/N350:CND)	
* 105	A-4377-122-A	POWER AMP BOARD, COMPLETE (N350:E, AUS, MX, AR, PX/N350K)	
106	3-703-571-11	BUSHING (S)(4516), CORD (N350:E, MX, PX/N350K:E3)	
* 106	3-703-244-00	BUSHING (2104), CORD (D560/N350:CND, AEP, UK, AUS, AR, G, IT/N350K:EA, MY, SP)	
* 107	A-4378-088-A	DBFB BOARD, COMPLETE (N350:E, AUS, MX, AR, PX/N350K)	
* 108	1-654-656-11	REGULATOR BOARD	
* 109	4-943-997-31	CHASSIS	
110	4-937-945-01	PLATE (TRANSPORT), LOCK	

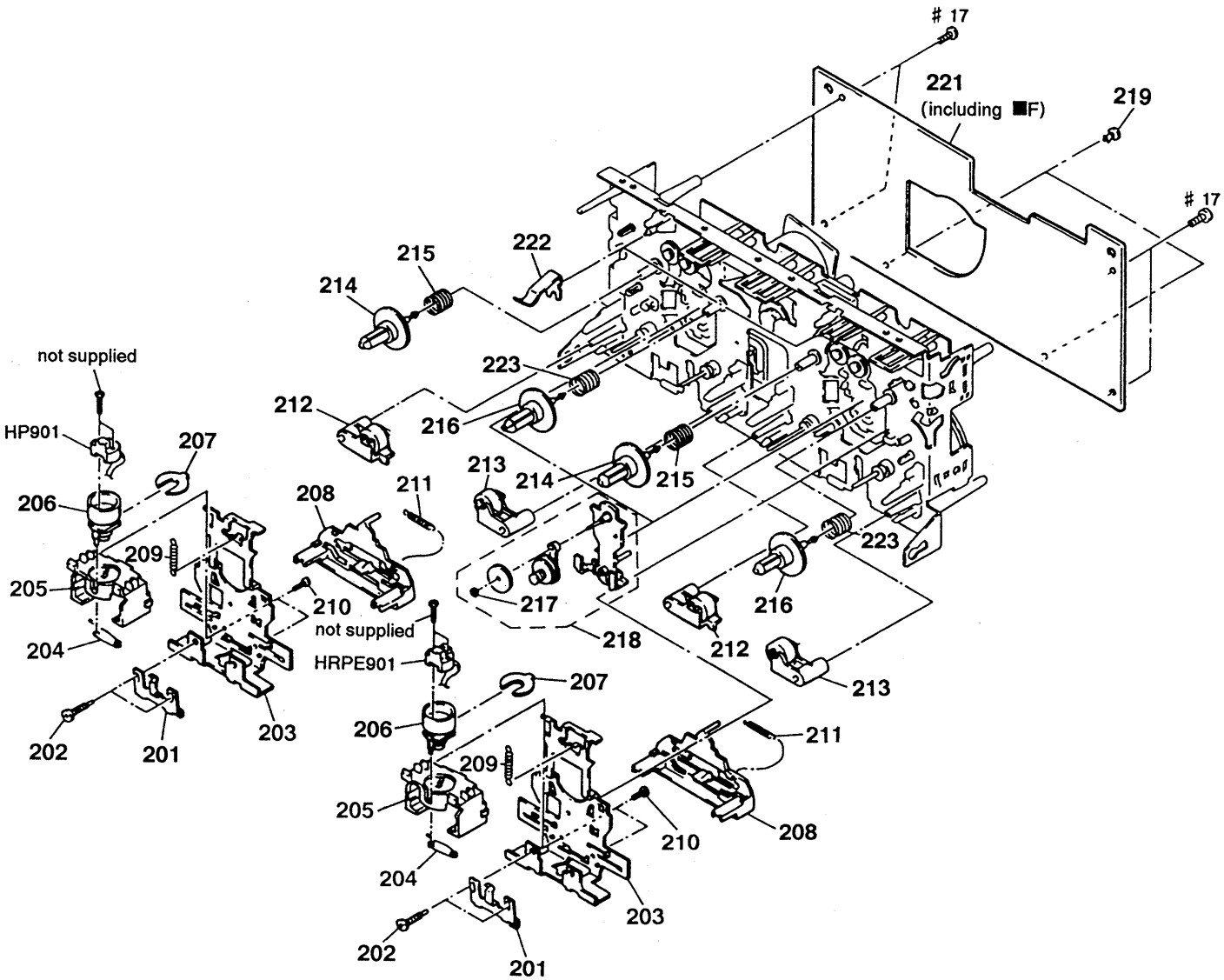
Ref. No.	Part No.	Description	Remark
⚠111	1-569-007-11	ADAPTER, CONVERSION 2P (N350:E3, PX/N350K:E3)	
⚠112	1-569-008-11	ADAPTER, CONVERSION 2P (N350K:EA, MY, SP)	
113	3-703-044-26	LABEL, CAUTION (D560/N350:CND)	
⚠CNP19011	1-558-943-41	CORD, POWER (N350:E, MX, PX/N350K:E)	
⚠CNP19011	1-575-042-21	CORD, POWER (D560/N350:CND)	
⚠CNP19011	1-575-651-21	CORD, POWER (N350:AEP, AR, G, IT/N350K:EA, MY, SP)	
⚠CNP19011	1-696-845-11	CORD, POWER (N350:AUS)	
⚠CNP19011	1-751-529-11	CORD, POWER (N350:UK)	
⚠F1901	1-532-299-00	FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N350K)	
⚠F1901	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)	
⚠F1902	1-532-299-00	FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N350K)	
⚠F1902	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)	
⚠F1903	1-576-108-11	FUSE (4A 125V) (D560/N350:CND)	
⚠T901	1-427-707-21	TRANSFORMER, POWER (N350:AEP, UK, G, IT)	
⚠T901	1-427-709-11	TRANSFORMER, POWER (N350:E, AUS, MX, AR, PX/N350K)	
⚠T901	1-427-710-11	TRANSFORMER, POWER (N350:CND)	
⚠T901	1-427-711-11	TRANSFORMER, POWER (D560)	

7-4. TC MECHANISM SECTION 1 (TCM-220 WR2)



Ref. No.	Part No.	Description	Remark
151	X-4943-776-1	HOLDER (L) ASSY, CASSETTE	
152	X-4943-775-1	HOLDER (R) ASSY, CASSETTE	
153	4-959-231-11	SPRING (L), TORSION	
154	4-959-232-11	SPRING (R), TORSION	
155	3-354-963-01	DAMPER	
* 156	3-908-611-01	FULCRUM, HOLDER	
157	3-354-957-01	JOINT (LOCK LEVER)	
* 158	3-354-953-01	LEVER (LOCK LEVER L)	
* 159	3-354-954-01	LEVER (LOCK LEVER R)	

7-5. TC MECHANISM SECTION 2 (TCM-220 WR2)

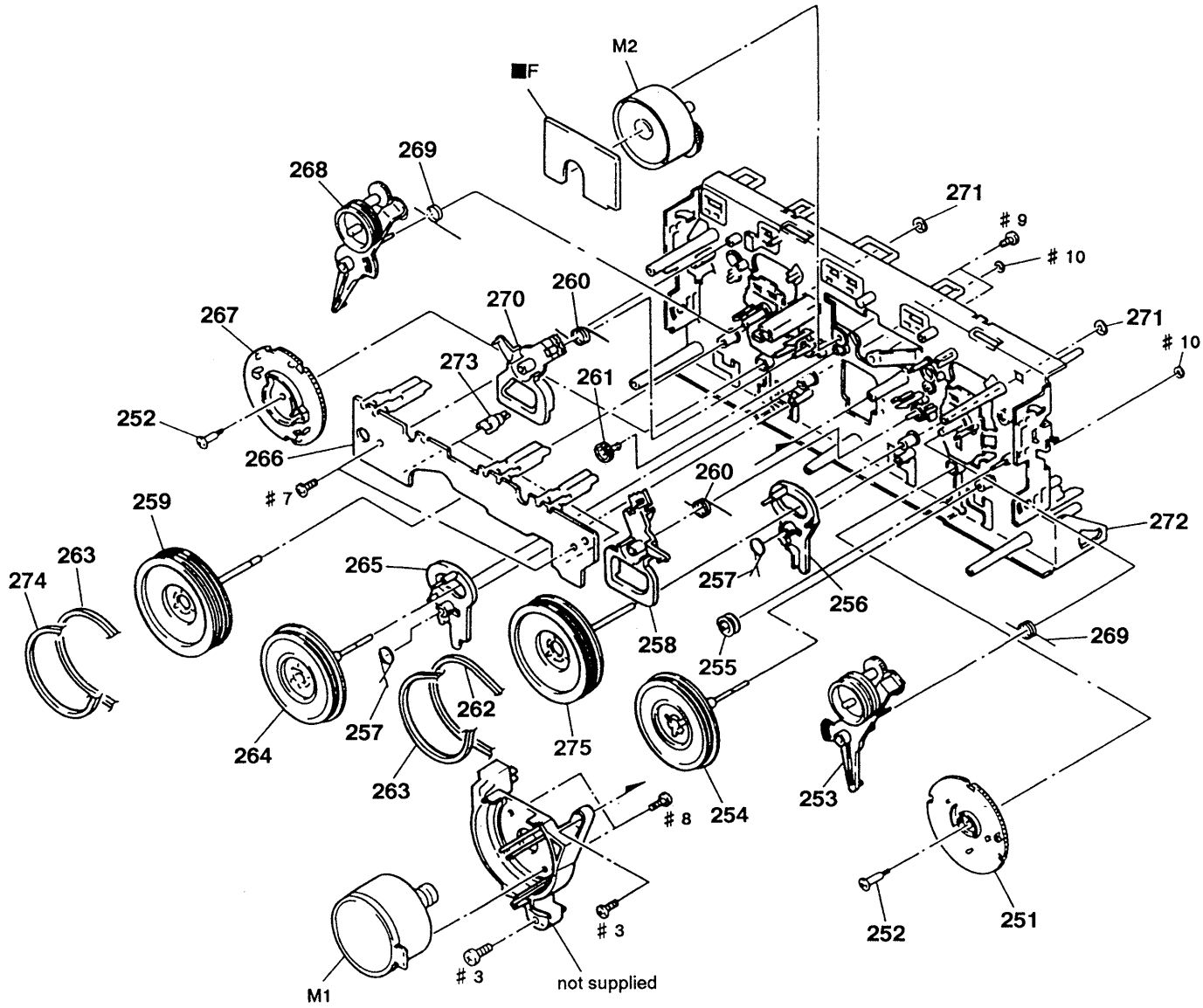


Ref. No.	Part No.	Description	Remark
201	3-908-560-01	SPRING, AZIMUTH ADJUSTMENT	
202	3-919-684-01	SCREW, AZIMUTH ADJUSTMENT	
* 203	X-3367-584-2	SLIDER (HEAD) ASSY	
204	3-908-556-01	SPRING, HEAD TOGGLE	
205	3-908-558-02	FITTING BLOCK, HEAD	
206	3-908-557-02	ROTARY BLOCK, HEAD	
* 207	3-908-559-01	STOPPER, AZIMUTH	
208	3-908-555-01	SLIDER (REV SLIDER)	
209	3-917-143-01	SPRING, TENSION	
210	3-388-848-01	SCREW (P2X6) (B TIGHT)	
211	3-911-113-01	SPRING, TENSION	
212	X-3367-589-1	PINCH LEVER (REV) ASSY	

Ref. No.	Part No.	Description	Remark
213	X-3367-588-1	PINCH LEVER (FWD) ASSY	
214	3-908-613-01	GEAR (S), REEL	
215	3-917-141-01	SPRING, COMPRESSION	
216	X-3367-594-1	REEL (T) ASSY	
217	3-669-465-01	WASHER (1.5), STOPPER	
218	X-3370-173-1	TU ASSY	
219	3-911-116-21	RIVET, PUSH	
* 221	A-2007-253-A	MD BOARD, COMPLETE	
222	3-915-490-01	DETENT, HALF	
223	3-917-142-01	SPRING, COMPRESSION	
HP901	1-500-093-11	HEAD, MAGNETIC (PLAYBACK)	
HRPE901	1-500-094-11	HEAD, MAGNETIC (REC/PB/ERASE)	

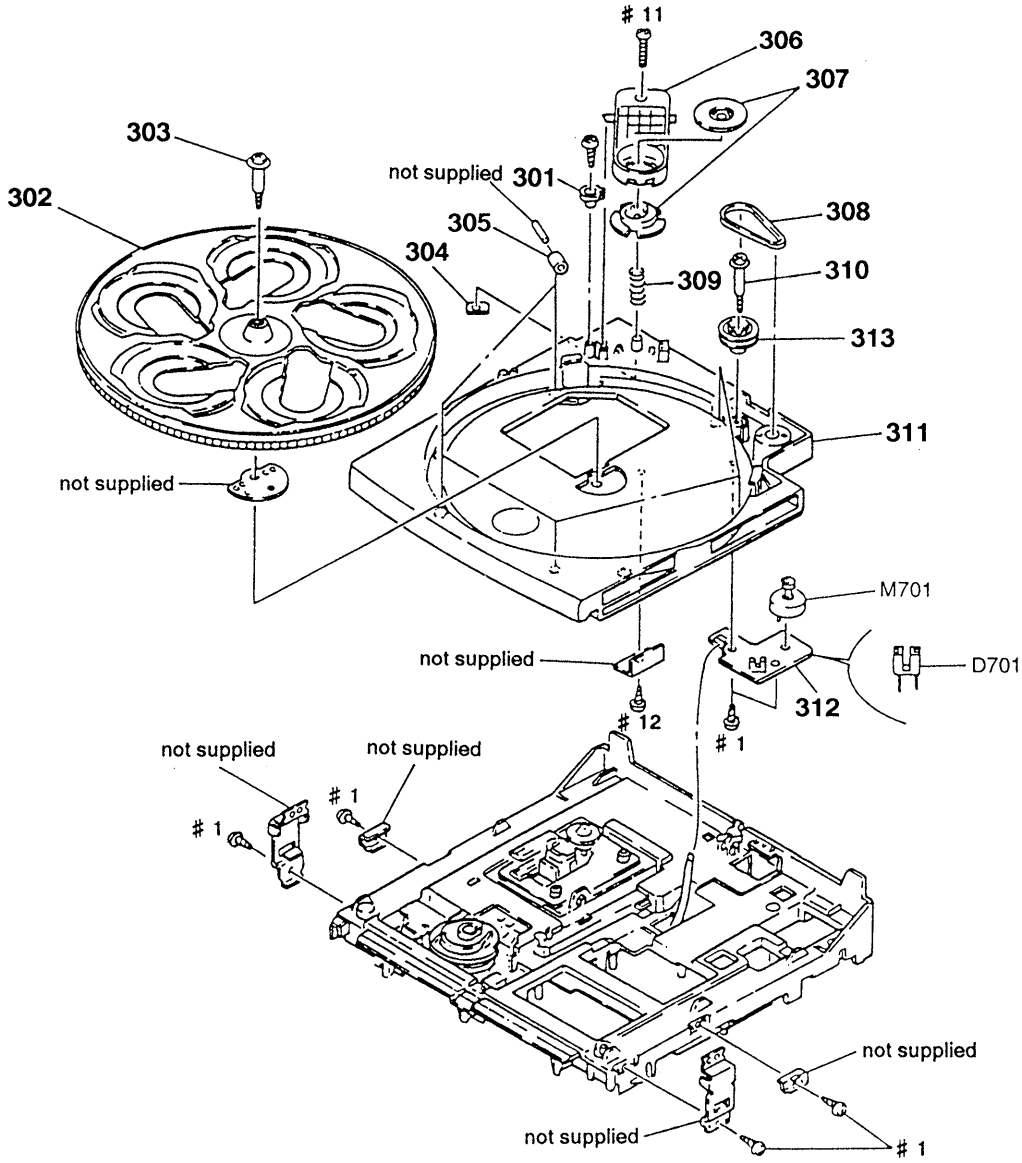
7-6. TC MECHANISM SECTION 3 (TCM-220 WR2)

■ F: MOTOR board



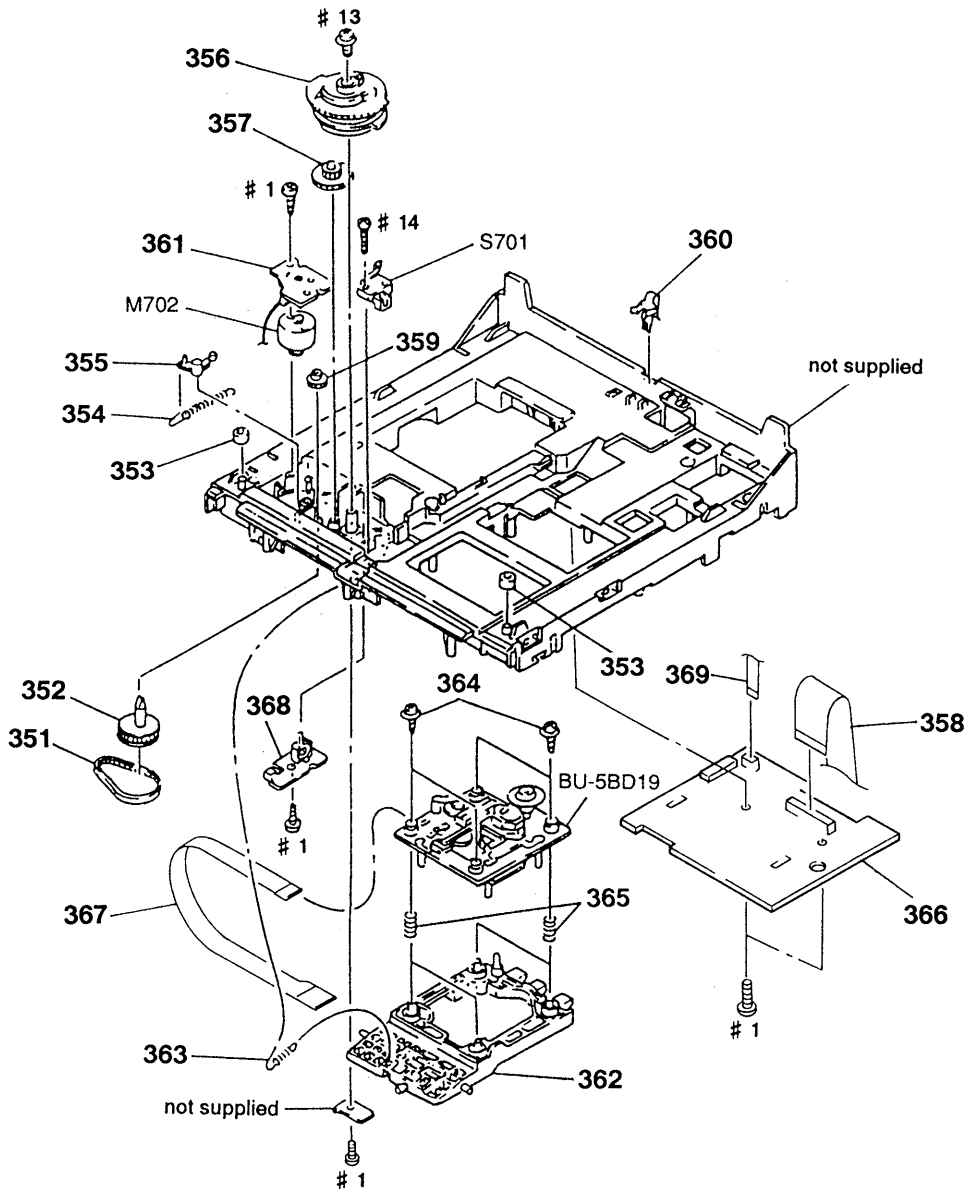
Ref. No.	Part No.	Description	Remark
251	3-908-597-01	CAM (A)	
252	3-908-608-01	SCREW, STEP	
253	X-3367-590-2	ARM (A) ASSY, FR	
254	X-3370-169-1	FLYWHEEL (AR) ASSY	
255	3-908-610-01	PULLEY, TENSION	
256	3-908-599-01	LEVER (REV-A)	
257	3-908-601-01	SPRING (REV LEVER), TORSION	
258	3-908-603-01	LEVER (TRIGGER A)	
259	X-3370-170-1	FLYWHEEL (BF) ASSY	
260	3-908-605-01	SPRING (TRIGGER), TORSION	
261	3-908-609-01	GEAR, TRIGGER	
262	3-913-845-01	BELT (A)	
263	3-913-846-01	BELT (FR)	
264	X-3370-171-1	FLYWHEEL (BR) ASSY	
265	3-908-600-01	LEVER (REV-B)	
* 266	1-650-669-11	LEAF SWITCH BOARD	
267	3-908-598-01	CAM (B)	
268	X-3367-591-2	ARM (B) ASSY, FR	
269	3-911-114-01	SPRING (FR), TORSION	
270	3-908-604-01	LEVER (TRIGGER B)	
271	3-911-115-01	WASHER, STOPPER	
272	X-3367-587-1	CHASSIS ASSY, MECHANICAL	
* 273	3-381-776-01	HOLDER (LED)	
274	3-917-176-01	BELT (B)	
275	X-3370-172-1	FLYWHEEL (AF) ASSY	
M1	X-3369-110-1	MOTOR ASSY (CAPSTAN)	
M2	X-3369-111-1	MOTOR ASSY (TRRIGER)	

7-7. TRAY SECTION



Ref. No.	Part No.	Description	Remark
* 301	4-949-226-01	PLATE, LOCK	
* 302	4-926-383-01	TABLE (B), DISK	
303	4-926-384-01	SCREW, STEP	
* 304	4-926-388-01	BRACKET (ADJUSTMENT)	
305	X-4924-457-1	ROLLER ASSY	
* 306	4-930-506-02	BRACKET (PRESS PULLEY)	
* 307	1-452-538-11	MAGNET	
308	4-926-399-01	BELT	
309	4-926-395-01	SPRING, COMPRESSION	
310	4-923-597-01	SCREW, STEP	
311	4-955-787-81	TABLE, DISC	
* 312	1-638-729-11	TABLE MOTOR BOARD	
313	4-934-380-01	PULLEY (R)	
D701	8-719-970-19	DIODE GP-1A521	
M701	A-4353-976-A	MOTOR ASSY, ROTARY (TABLE)	

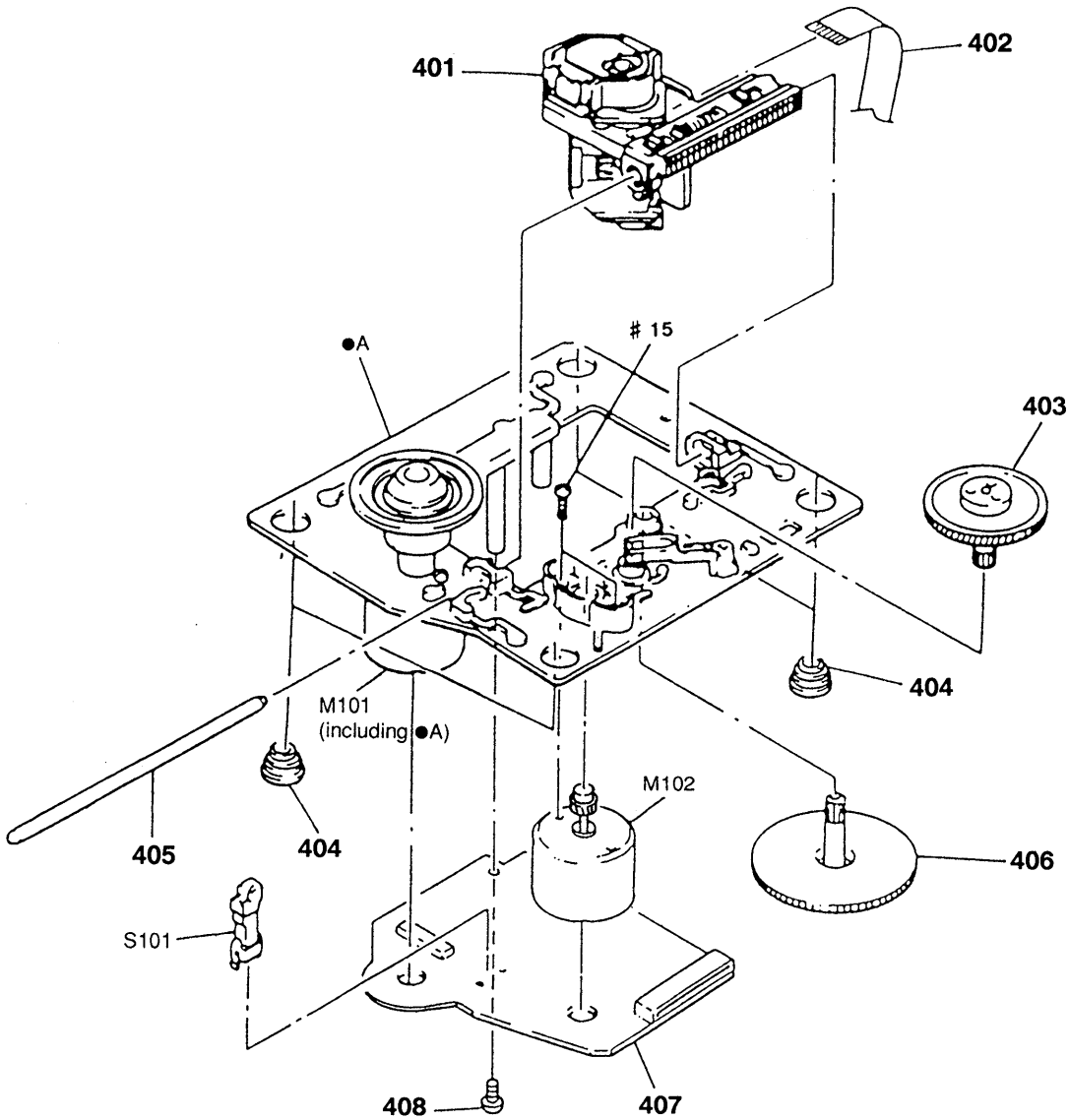
7-8. CD CHASSIS SECTION



Ref. No.	Part No.	Description	Remark
351	4-944-490-01	BELT (TIMING)	
352	X-4941-529-1	PULLEY ASSY	
* 353	4-951-619-01	CUSHION (A)	
354	4-924-412-01	SPRING (B), TENSION	
355	4-917-519-01	LEVER, SET	
356	4-934-391-01	GEAR (LOADING A)	
357	4-934-381-01	GEAR (LOADING C)	
358	1-769-303-11	WIRE (FLAT TYPE) (29 CORE)	
359	4-934-375-11	GEAR (LOADING B)	
* 360	4-943-996-06	SPRING, LEAF	
* 361	1-638-288-11	LOADING MOTOR BOARD	

Ref. No.	Part No.	Description	Remark
* 362	4-934-373-01	BRACKET (BU)	
363	4-937-911-01	SPRING, TENSION	
364	4-933-134-01	SCREW (+PTPWH M2.6X6)	
365	4-958-593-01	SPRING (BU), COMPRESSION	
* 366	A-4377-086-A	CD MAIN BOARD, COMPLETE	
367	1-654-751-11	FLEXIBLE BOARD	
* 368	1-638-731-11	OPEN/UP SW BOARD	
369	1-590-849-11	WIRE, FLAT TYPE (5 CORE)	
M702	A-4353-974-A	MOTOR ASSY, LOADING	
S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR) (DOWN)	

7-9. BASE UNIT SECTION (BU-5BD19)



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
⚠401	8-848-387-01	OPTICAL PICK-UP BLOCK (KSS-213BA/S-N)	
402	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)	
403	4-917-567-21	GEAR (M)	
404	4-951-940-01	INSULATOR (BU)	
405	4-917-565-01	SHAFT, SLED	
406	4-917-564-01	GEAR (P), FLATNESS	

Ref. No.	Part No.	Description	Remark
* 407	A-4673-402-A	BD BOARD, COMPLETE	
408	4-951-620-01	SCREW (2.6X8), +BVTP	
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)	
M102	X-4917-504-1	MOTOR ASSY (SLED)	
S101	1-572-085-11	SWITCH, LEAF	

5CD PANEL | BD

SECTION 8
ELECTRICAL PARTS LIST

NOTE:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- SEMICONDUCTORS
  In each case, u: μ , for example:
  uA...: μA..., uPA...: μPA..., uPB...: μPB..., uPC...: μPC..., uPD...: μPD...
- CAPACITORS
  uF : μF
- COILS
  uH : μH
- Abbreviation
  CND : Canadian model
  G : German model
  IT : Italian model
  EA : Saudi Arabia model
  MX : Mexican model
  SP : Singapore model
  MY : Malaysia model
  AUS : Australian model
  AR : Argentine model
  E2 : E model with power source for PS-LX56P
  E3 : E model without power source for PS-LX56P
  AEP1 : AEP model without power source for PS-LX56P
  AEP2 : AEP model with power source for PS-LX56P

Ref.No.	Part No.	Description	Remark
*	1-654-658-11	5CD PANEL BOARD **********	
		< DIODE >	
D615	8-719-046-43	DIODE SEL5421E-TP15 (CD)	
		(D560/N350:CND, AEP, UK, G, IT)	
D615	8-719-052-22	DIODE SEL58420C-TP (CD)	
		(N350:E, AUS, MX, AR, PX/N350K)	
D616	8-719-046-43	DIODE SEL5421E-TP15 (CD)	
		(D560/N350:CND, AEP, UK, G, IT)	
D616	8-719-052-22	DIODE SEL58420C-TP (CD)	
		(N350:E, AUS, MX, AR, PX/N350K)	
D641	8-719-032-87	DIODE SEL5420S-TP (DISC 3)	
		(N350:E, AUS, MX, AR, PX/N350K)	
D642	8-719-032-87	DIODE SEL5420S-TP (DISC 2)	
		(N350:E, AUS, MX, AR, PX/N350K)	
D643	8-719-032-87	DIODE SEL5420S-TP (DISC 1)	
		(N350:E, AUS, MX, AR, PX/N350K)	
D644	8-719-032-87	DIODE SEL5420S-TP (DISC 5)	
		(N350:E, AUS, MX, AR, PX/N350K)	
D645	8-719-032-87	DIODE SEL5420S-TP (DISC 4)	
		(N350:E, AUS, MX, AR, PX/N350K)	
		< TRANSISTOR >	
Q605	8-729-900-63	TRANSISTOR DTA124ES	
Q606	8-729-119-78	TRANSISTOR 2SC2785-HFE	
		(N350:E, AUS, MX, AR, PX/N350K)	
Q613	8-729-422-57	TRANSISTOR UN4111	
		(N350:E, AUS, MX, AR, PX/N350K)	
Q614	8-729-900-80	TRANSISTOR DTC114ES	
		(N350:E, AUS, MX, AR, PX/N350K)	
		< RESISTOR >	
R551	1-249-403-11	CARBON 68 5% 1/4W F	
		(N350:E, AUS, MX, AR, PX/N350K)	
R552	1-247-811-31	CARBON 150 5% 1/4W	
		(N350:E, AUS, MX, AR, PX/N350K)	
R642	1-249-411-11	CARBON 330 5% 1/4W	
R643	1-249-413-11	CARBON 470 5% 1/4W F	
R644	1-249-414-11	CARBON 560 5% 1/4W F	
R645	1-249-416-11	CARBON 820 5% 1/4W F	
R646	1-249-418-11	CARBON 1.2K 5% 1/4W F	
R647	1-249-420-11	CARBON 1.8K 5% 1/4W F	
R648	1-249-423-11	CARBON 3.3K 5% 1/4W F	
R649	1-249-427-11	CARBON 6.8K 5% 1/4W F	
R677	1-249-429-11	CARBON 10K 5% 1/4W	
		(N350:E, AUS, MX, AR, PX/N350K)	
R678	1-249-410-11	CARBON 270 5% 1/4W F	
R679	1-249-410-11	CARBON 270 5% 1/4W F	
		(N350:E, AUS, MX, AR, PX/N350K)	
R680	1-249-410-11	CARBON 270 5% 1/4W F	
R681	1-249-410-11	CARBON 270 5% 1/4W F	
		(N350:E, AUS, MX, AR, PX/N350K)	
		< SWITCH >	
S634	1-554-303-21	SWITCH, TACTILE (CD)	
S635	1-554-303-21	SWITCH, TACTILE (DISC 5)	
S636	1-554-303-21	SWITCH, TACTILE (DISC 4)	
S637	1-554-303-21	SWITCH, TACTILE (OPEN/CLOSE ⏏)	
S638	1-554-303-21	SWITCH, TACTILE (DISC 3)	
S639	1-554-303-21	SWITCH, TACTILE (DISC 2)	
S640	1-554-303-21	SWITCH, TACTILE (DISC 1)	
S641	1-554-303-21	SWITCH, TACTILE (DISC SKIP)	
**********			
*	A-4673-402-A	BD BOARD, COMPLETE **********	
		< CAPACITOR >	
C101	1-126-607-11	ELECT CHIP 47uF 20% 4V	
C102	1-163-275-11	CERAMIC CHIP 0.001uF 5% 50V	
C103	1-164-346-11	CERAMIC CHIP 1uF 16V	
C105	1-163-038-91	CERAMIC CHIP 0.1uF 25V	
C106	1-164-695-11	CERAMIC CHIP 0.0022uF 5% 50V	
C107	1-164-695-11	CERAMIC CHIP 0.0022uF 5% 50V	
C108	1-164-232-11	CERAMIC CHIP 0.01uF 50V	
C109	1-164-232-11	CERAMIC CHIP 0.01uF 50V	
C110	1-163-989-11	CERAMIC CHIP 0.033uF 10% 25V	
C111	1-163-038-91	CERAMIC CHIP 0.1uF 25V	

Ref.No.	Part No.	Description			Remark
C112	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C113	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V
C114	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C115	1-126-607-11	ELECT CHIP	47uF	20%	4V
C116	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V
C117	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C118	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C119	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C120	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C121	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C122	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C123	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C124	1-126-607-11	ELECT CHIP	47uF	20%	4V
C125	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C126	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C127	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V
C128	1-163-135-00	CERAMIC CHIP	560PF	5%	50V
C129	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C130	1-164-336-11	CERAMIC CHIP	0.33uF		25V
C131	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C132	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C133	1-163-145-00	CERAMIC CHIP	0.0015uF	5%	50V
C134	1-164-346-11	CERAMIC CHIP	1uF		16V
C135	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C136	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C137	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C139	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C140	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C141	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C142	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C145	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C146	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C147	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C148	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C149	1-164-346-11	CERAMIC CHIP	1uF		16V
C153	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V
C154	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
		< CONNECTOR >			
CNU101	1-770-014-11	CONNECTOR, FFC/FPC 16P			
CNU102	1-770-013-11	CONNECTOR, FFC/FPC 19P			
		< IC >			
IC101	8-752-069-56	IC CXA1782BQ			
IC102	8-759-291-06	IC BA6397FP-T1			
IC103	8-752-372-94	IC CXD2507AQ			
IC104	8-759-185-29	IC PCM1710U-BT1			
		< MOTOR >			
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)			
M102	X-4917-504-1	MOTOR ASSY (SLED)			
		< TRANSISTOR >			
Q101	8-729-010-08	TRANSISTOR MSB710-RT1			
Q102	8-729-424-08	TRANSISTOR UN2111			
Q103	8-729-421-22	TRANSISTOR UN2211			
		< RESISTOR >			
R102	1-216-001-00	METAL CHIP	10	5%	1/10W
R103	1-216-049-00	METAL CHIP	1K	5%	1/10W
R104	1-216-097-00	METAL CHIP	100K	5%	1/10W
R105	1-216-089-00	METAL CHIP	47K	5%	1/10W
R106	1-216-089-00	METAL CHIP	47K	5%	1/10W
R107	1-216-089-00	METAL CHIP	47K	5%	1/10W
R108	1-216-089-00	METAL CHIP	47K	5%	1/10W
R109	1-216-097-00	METAL CHIP	100K	5%	1/10W
R112	1-216-077-00	METAL CHIP	15K	5%	1/10W
R113	1-216-077-00	METAL CHIP	15K	5%	1/10W
R114	1-216-101-00	METAL CHIP	150K	5%	1/10W
R115	1-216-101-00	METAL CHIP	150K	5%	1/10W
R116	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R117	1-216-093-00	METAL CHIP	68K	5%	1/10W
R118	1-216-049-00	METAL CHIP	1K	5%	1/10W
R119	1-216-121-00	METAL CHIP	1M	5%	1/10W
R120	1-216-089-00	METAL CHIP	47K	5%	1/10W
R121	1-216-114-00	METAL GLAZE	510K	5%	1/10W
R122	1-216-097-00	METAL CHIP	100K	5%	1/10W
R123	1-216-099-00	METAL CHIP	120K	5%	1/10W
R124	1-216-091-00	METAL CHIP	56K	5%	1/10W
R125	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R126	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R127	1-216-089-00	METAL CHIP	47K	5%	1/10W
R128	1-216-105-91	METAL GLAZE	220K	5%	1/10W
R129	1-216-049-00	METAL CHIP	1K	5%	1/10W
R130	1-216-079-00	METAL CHIP	18K	5%	1/10W
R131	1-216-079-00	METAL CHIP	18K	5%	1/10W
R132	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R133	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R134	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R135	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R136	1-216-073-00	METAL CHIP	10K	5%	1/10W
R137	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R138	1-216-049-00	METAL CHIP	1K	5%	1/10W
R139	1-216-033-00	METAL CHIP	220	5%	1/10W
R140	1-216-081-00	METAL CHIP	22K	5%	1/10W
R141	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R142	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R143	1-216-121-00	METAL CHIP	1M	5%	1/10W
R144	1-216-073-00	METAL CHIP	10K	5%	1/10W
R145	1-216-097-00	METAL CHIP	100K	5%	1/10W

BD CD MAIN DBFB

Ref.No.	Part No.	Description			Remark
R146	1-216-097-00	METAL CHIP	100K	5% 1/10W	
R147	1-216-049-00	METAL CHIP	1K	5% 1/10W	
R148	1-216-049-00	METAL CHIP	1K	5% 1/10W	
R149	1-216-049-00	METAL CHIP	1K	5% 1/10W	
R150	1-216-037-00	METAL CHIP	330	5% 1/10W	
R151	1-216-037-00	METAL CHIP	330	5% 1/10W	
R152	1-216-037-00	METAL CHIP	330	5% 1/10W	
R153	1-216-089-00	METAL CHIP	47K	5% 1/10W	
R154	1-216-065-00	METAL CHIP	4.7K	5% 1/10W	
R156	1-216-081-00	METAL CHIP	22K	5% 1/10W	
R157	1-216-069-00	METAL CHIP	6.8K	5% 1/10W	
R158	1-216-001-00	METAL CHIP	10	5% 1/10W	
		< VARIABLE RESISTOR >			
RV101	1-241-396-11	RES, ADJ, METAL GLAZE 22K			
RV102	1-241-396-11	RES, ADJ, METAL GLAZE 22K			
RV103	1-241-396-11	RES, ADJ, METAL GLAZE 22K			
		< SWITCH >			
S101	1-572-085-11	SWITCH, LEAF (LIMIT)			
		< VIBRATOR >			
X101	1-579-280-11	VIBRATOR, CRYSTAL (16.9344MHz)			

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*	A-4377-086-A	CD MAIN BOARD, COMPLETE				
		**********				
		< CAPACITOR >				
C301	1-124-480-11	ELECT	470uF	20%	25V	
C302	1-124-907-11	ELECT	10uF	20%	50V	
C303	1-124-907-11	ELECT	10uF	20%	50V	
C304	1-164-159-11	CERAMIC	0.1uF		50V	
C305	1-164-159-11	CERAMIC	0.1uF		50V	
C306	1-164-159-11	CERAMIC	0.1uF		50V	
C307	1-124-477-11	ELECT	47uF	20%	25V	
C308	1-124-477-11	ELECT	47uF	20%	25V	
C309	1-124-477-11	ELECT	47uF	20%	25V	
C310	1-124-477-11	ELECT	47uF	20%	25V	
C311	1-164-159-11	CERAMIC	0.1uF		50V	
C312	1-137-368-11	FILM	0.0047uF	5%	50V	
C313	1-137-368-11	FILM	0.0047uF	5%	50V	
C321	1-124-907-11	ELECT	10uF	20%	50V	
		< CONNECTOR >				
* CN301	1-568-862-11	SOCKET, CONNECTOR 19P				
CN302	1-770-064-11	CONNECTOR, FFC/FPC 29P				
* CN303	1-568-943-11	PIN, CONNECTOR 5P				
* CN304	1-568-824-11	SOCKET, CONNECTOR 5P				

Ref.No.	Part No.	Description			Remark
		< DIODE >			
D301	8-719-010-42	DIODE	UZ-5.6BSB		
D1762	8-719-024-99	DIODE	11ES2-NTA2B		
D1763	8-719-024-99	DIODE	11ES2-NTA2B		
D1764	8-719-024-99	DIODE	11ES2-NTA2B		
		< IC >			
IC301	8-759-172-31	IC	BA6191		
IC302	8-759-604-30	IC	M5F7808		
		< COIL >			
L301	1-410-322-11	INDUCTOR	3.3uH		
L302	1-410-322-11	INDUCTOR	3.3uH		
		< RESISTOR >			
R301	1-249-423-11	CARBON	3.3K	5% 1/4W	F
R302	1-249-424-11	CARBON	3.9K	5% 1/4W	F
R303	1-249-415-11	CARBON	680	5% 1/4W	F
R304	1-247-834-11	CARBON	1.3K	5% 1/4W	
R305	1-249-421-11	CARBON	2.2K	5% 1/4W	F
R306	1-249-421-11	CARBON	2.2K	5% 1/4W	F
R307	1-249-415-11	CARBON	680	5% 1/4W	F
R308	1-249-415-11	CARBON	680	5% 1/4W	F

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*	A-4378-088-A	DBFB BOARD, COMPLETE				
		**********				
		(N350:E, AUS, MX, AR, PX/N350K)				
		< CAPACITOR >				
C2101	1-124-925-11	ELECT	2.2uF	20%	100V	
C2102	1-136-165-00	FILM	0.1uF	5%	50V	
C2103	1-136-165-00	FILM	0.1uF	5%	50V	
C2131	1-126-101-11	ELECT	100uF	20%	16V	
C2132	1-126-101-11	ELECT	100uF	20%	16V	
C2133	1-124-463-00	ELECT	0.1uF	20%	50V	
C2151	1-124-925-11	ELECT	2.2uF	20%	100V	
C2152	1-136-165-00	FILM	0.1uF	5%	50V	
C2153	1-136-165-00	FILM	0.1uF	5%	50V	
		< CONNECTOR >				
CN2101	1-564-506-11	PLUG, CONNECTOR 3P				
CN2102	1-564-511-11	PLUG, CONNECTOR 8P				
		< DIODE >				
D2101	8-719-987-63	DIODE	1N4148M			
D2102	8-719-933-47	DIODE	HZS7B2L			
D2103	8-719-933-47	DIODE	HZS7B2L			

Ref.No.	Part No.	Description				Remark
		< IC >				
IC2101	8-759-634-51	IC M5218AP				
		< TRANSISTOR >				
Q2101	8-729-119-78	TRANSISTOR 2SC2785-HFE				
Q2102	8-729-119-78	TRANSISTOR 2SC2785-HFE				
Q2151	8-729-119-78	TRANSISTOR 2SC2785-HFE				
Q2152	8-729-119-78	TRANSISTOR 2SC2785-HFE				
		< RESISTOR >				
R2101	1-249-437-11	CARBON	47K	5%	1/4W	
R2102	1-247-807-31	CARBON	100	5%	1/4W	
R2103	1-249-429-11	CARBON	10K	5%	1/4W	
R2104	1-249-433-11	CARBON	22K	5%	1/4W	
R2105	1-247-903-00	CARBON	1M	5%	1/4W	
R2106	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R2107	1-247-895-00	CARBON	470K	5%	1/4W	
R2108	1-249-429-11	CARBON	10K	5%	1/4W	
R2131	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R2132	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R2133	1-249-429-11	CARBON	10K	5%	1/4W	
R2134	1-249-429-11	CARBON	10K	5%	1/4W	
R2135	1-249-413-11	CARBON	470	5%	1/4W	F
R2136	1-249-441-11	CARBON	100K	5%	1/4W	
R2137	1-247-903-00	CARBON	1M	5%	1/4W	
R2151	1-249-437-11	CARBON	47K	5%	1/4W	
R2152	1-247-807-31	CARBON	100	5%	1/4W	
R2153	1-249-429-11	CARBON	10K	5%	1/4W	
R2154	1-249-433-11	CARBON	22K	5%	1/4W	
R2155	1-247-903-00	CARBON	1M	5%	1/4W	
R2156	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R2157	1-247-895-00	CARBON	470K	5%	1/4W	
R2158	1-249-429-11	CARBON	10K	5%	1/4W	

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* A-4377-133-A ECHO BOARD, COMPLETE (N350K)

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		< CAPACITOR >				
C1601	1-124-925-11	ELECT	2.2uF	20%	100V	
C1602	1-124-443-00	ELECT	100uF	20%	10V	
C1603	1-164-159-11	CERAMIC	0.1uF		50V	
C1604	1-161-494-00	CERAMIC	0.022uF		25V	
C1605	1-124-903-11	ELECT	1uF	20%	50V	
C1606	1-130-475-00	MYLAR	0.0022uF	5%	50V	
C1607	1-162-302-11	CERAMIC	0.0022uF	20%	16V	
C1608	1-130-493-00	MYLAR	0.068uF	5%	50V	
C1609	1-136-165-00	FILM	0.1uF	5%	50V	
C1610	1-136-165-00	FILM	0.1uF	5%	50V	
C1611	1-124-477-11	ELECT	47uF	20%	25V	
C1612	1-130-493-00	MYLAR	0.068uF	5%	50V	
C1613	1-162-305-11	CERAMIC	0.0068uF	20%	16V	
C1614	1-130-480-00	MYLAR	0.0056uF	5%	50V	
C1615	1-124-903-11	ELECT	1uF	20%	50V	
C1616	1-162-302-11	CERAMIC	0.0022uF	20%	16V	
C1617	1-124-903-11	ELECT	1uF	20%	50V	
C1618	1-162-282-31	CERAMIC	100PF	10%	50V	
C1619	1-162-282-31	CERAMIC	100PF	10%	50V	
C1645	1-130-490-11	MYLAR	0.039uF	5%	50V	
C1658	1-124-925-11	ELECT	2.2uF	20%	100V	
C1681	1-162-290-31	CERAMIC	470PF	10%	50V	
C1682	1-162-290-31	CERAMIC	470PF	10%	50V	
		< DIODE >				
D1601	8-719-987-63	DIODE 1N4148M				
		< IC >				
IC1601	8-759-264-75	IC M65843P				
IC1602	8-759-634-51	IC M5218AP				
		< COIL >				
L1601	1-410-521-11	INDUCTOR	100uH			
		< RESISTOR >				
R1601	1-247-903-00	CARBON	1M	5%	1/4W	
R1602	1-249-431-11	CARBON	15K	5%	1/4W	
R1603	1-249-431-11	CARBON	15K	5%	1/4W	
R1604	1-249-431-11	CARBON	15K	5%	1/4W	
R1605	1-249-429-11	CARBON	10K	5%	1/4W	
R1606	1-249-433-11	CARBON	22K	5%	1/4W	
R1607	1-249-431-11	CARBON	15K	5%	1/4W	
R1608	1-249-429-11	CARBON	10K	5%	1/4W	
R1609	1-249-431-11	CARBON	15K	5%	1/4W	
R1611	1-249-398-11	CARBON	27	5%	1/4W	F
R1643	1-249-429-11	CARBON	10K	5%	1/4W	
R1644	1-249-431-11	CARBON	15K	5%	1/4W	
R1645	1-249-437-11	CARBON	47K	5%	1/4W	
R1646	1-249-417-11	CARBON	1K	5%	1/4W	F
R1656	1-249-434-11	CARBON	27K	5%	1/4W	
R1681	1-249-427-11	CARBON	6.8K	5%	1/4W	F
		< VARIABLE RESISTOR >				
RV1601	1-241-903-11	RES, VAR, CARBON 50K				
RV1602	1-241-903-11	RES, VAR, CARBON 50K				
		< VIBRATOR >				
X1601	1-527-978-00	OSCILLATOR, CERAMIC				

H. P. KEY CON

Ref. No.	Part No.	Description			Remark
*	1-654-657-11	H. P. BOARD **********			
		< CAPACITOR >			
C1706	1-162-282-31	CERAMIC	100PF	10% 50V	
C1707	1-162-282-31	CERAMIC	100PF	10% 50V	
		< CONNECTOR >			
* CN1205	1-568-954-11	PIN, CONNECTOR 5P			
		< JACK >			
J1201	1-569-113-11	JACK, LARGE TYPE (HEADPHONES)			
*	A-4377-135-A	KEY CON BOARD, COMPLETE (N350K) **********			
		< CAPACITOR >			
C1401	1-130-491-00	MYLAR	0.047uF	5% 50V	
C1402	1-124-907-11	ELECT	10uF	20% 50V	
C1403	1-124-907-11	ELECT	10uF	20% 50V	
C1404	1-124-907-11	ELECT	10uF	20% 50V	
C1405	1-124-907-11	ELECT	10uF	20% 50V	
C1406	1-124-907-11	ELECT	10uF	20% 50V	
C1431	1-130-493-00	MYLAR	0.068uF	5% 50V	
C1432	1-130-493-00	MYLAR	0.068uF	5% 50V	
C1433	1-130-493-00	MYLAR	0.068uF	5% 50V	
C1434	1-162-211-31	CERAMIC	33PF	5% 50V	
C1435	1-162-211-31	CERAMIC	33PF	5% 50V	
C1436	1-124-126-00	ELECT	47uF	20% 10V	
C1437	1-164-159-11	CERAMIC	0.1uF	50V	
C1438	1-124-443-00	ELECT	100uF	20% 10V	
C1439	1-124-907-11	ELECT	10uF	20% 50V	
C1448	1-124-907-11	ELECT	10uF	20% 50V	
C1461	1-162-294-31	CERAMIC	0.001uF	10% 50V	
C1462	1-162-306-11	CERAMIC	0.01uF	20% 16V	
C1466	1-162-600-11	CERAMIC	0.0047uF	20% 16V	
C1467	1-162-291-31	CERAMIC	560PF	10% 50V	
C1468	1-162-290-31	CERAMIC	470PF	10% 50V	
		< CONNECTOR >			
* CN1401	1-568-834-11	SOCKET, CONNECTOR 15P			
		< IC >			
IC1401	8-759-634-51	IC M5218AP			
IC1402	8-759-634-51	IC M5218AP			
IC1403	8-759-140-53	IC uPD4053BC			
IC1404	8-759-260-30	IC M65840SP			
		< COIL >			
L1401	1-410-521-11	INDUCTOR	100uH		
		< TRANSISTOR >			
Q1401	8-729-900-80	TRANSISTOR DTC114ES			
Q1402	8-729-900-80	TRANSISTOR DTC114ES			
		< RESISTOR >			
R1401	1-249-441-11	CARBON	100K	5% 1/4W	
R1402	1-249-441-11	CARBON	100K	5% 1/4W	
R1403	1-249-435-11	CARBON	33K	5% 1/4W	
R1404	1-249-435-11	CARBON	33K	5% 1/4W	
R1405	1-249-435-11	CARBON	33K	5% 1/4W	
R1406	1-249-433-11	CARBON	22K	5% 1/4W	
R1407	1-249-433-11	CARBON	22K	5% 1/4W	
R1408	1-249-433-11	CARBON	22K	5% 1/4W	
R1409	1-249-433-11	CARBON	22K	5% 1/4W	
R1410	1-249-429-11	CARBON	10K	5% 1/4W	
R1411	1-247-903-00	CARBON	1M	5% 1/4W	
R1413	1-249-433-11	CARBON	22K	5% 1/4W	
R1414	1-249-433-11	CARBON	22K	5% 1/4W	
R1415	1-249-441-11	CARBON	100K	5% 1/4W	
R1416	1-249-441-11	CARBON	100K	5% 1/4W	
R1417	1-249-429-11	CARBON	10K	5% 1/4W	
R1421	1-249-417-11	CARBON	1K	5% 1/4W	F
R1422	1-249-429-11	CARBON	10K	5% 1/4W	
R1423	1-249-417-11	CARBON	1K	5% 1/4W	F
R1424	1-249-429-11	CARBON	10K	5% 1/4W	
R1431	1-259-884-11	CARBON	4.7M	5% 1/4W	
R1434	1-247-903-00	CARBON	1M	5% 1/4W	
R1435	1-247-807-31	CARBON	100	5% 1/4W	
R1436	1-247-807-31	CARBON	100	5% 1/4W	
R1438	1-247-807-31	CARBON	100	5% 1/4W	
R1448	1-249-429-11	CARBON	10K	5% 1/4W	
R1449	1-249-429-11	CARBON	10K	5% 1/4W	
R1450	1-249-441-11	CARBON	100K	5% 1/4W	
R1451	1-249-429-11	CARBON	10K	5% 1/4W	
R1452	1-249-425-11	CARBON	4.7K	5% 1/4W	F
R1453	1-249-429-11	CARBON	10K	5% 1/4W	
R1457	1-249-424-11	CARBON	3.9K	5% 1/4W	F
R1458	1-249-431-11	CARBON	15K	5% 1/4W	
R1459	1-249-429-11	CARBON	10K	5% 1/4W	
R1460	1-249-433-11	CARBON	22K	5% 1/4W	
		< VIBRATOR >			
X1101	1-567-927-11	VIBLATOR, CERAMIC			

Ref.No.	Part No.	Description	Remark
*	1-650-669-11	LEAF SWITCH BOARD	
		**********	
*	3-381-776-01	HOLDER (LED)	
		< CONNECTOR >	
* CN1001	1-568-854-11	SOCKET, CONNECTOR 11P	
		< TRANSISTOR >	
Q1001	8-719-710-02	TRANSISTOR PHOTO REFLECTOR NJL5165K-A	
Q1002	8-719-710-02	TRANSISTOR PHOTO REFLECTOR NJL5165K-A	
		< RESISTOR >	
R1001	1-249-412-11	CARBON 390 5% 1/4W	F
R1002	1-249-412-11	CARBON 390 5% 1/4W	F
R1003	1-249-414-11	CARBON 560 5% 1/4W	F
R1004	1-247-834-11	CARBON 1.3K 5% 1/4W	
R1005	1-247-818-11	CARBON 300 5% 1/4W	
		< SWITCH >	
S1001	1-692-832-11	SWITCH, PUSH (1 KEY)(A PLAY)	
S1002	1-692-832-11	SWITCH, PUSH (1 KEY)(B PLAY)	
S1003	1-572-248-11	SWITCH, LEAF (A HALF)	
S1004	1-571-281-21	SWITCH, LEAF (A CrO2)	
S1005	1-571-281-21	SWITCH, LEAF (REC A)	
S1006	1-572-248-11	SWITCH, LEAF (B HALF)	
S1008	1-571-281-21	SWITCH, LEAF (B CrO2)	
S1009	1-571-281-21	SWITCH, LEAF (REC B)	
**********			
*	1-639-288-11	LOADING MOTOR BOARD	
		**********	
		< CAPACITOR >	
C705	1-162-302-11	CERAMIC 0.0022uF 30% 16V	
		< MOTOR >	
M702	A-4353-974-A	MOTOR ASSY (LOADING)	
**********			

Ref.No.	Part No.	Description	Remark
*	A-4377-060-A	MAIN BOARD, COMPLETE (N350:AEP2,UK)	
		**********	
*	A-4377-087-A	MAIN BOARD, COMPLETE (D560/N350:CND)	
		**********	
*	A-4377-101-A	MAIN BOARD, COMPLETE (N350:E2)	
		**********	
*	A-4377-123-A	MAIN BOARD, COMPLETE (N350K:E3,MY,SP)	
		**********	
*	A-4377-475-A	MAIN BOARD, COMPLETE (N350K:EA)	
		**********	
*	A-4377-629-A	MAIN BOARD, COMPLETE (N350:AEP1)	
		**********	
*	A-4377-625-A	MAIN BOARD, COMPLETE (N350:E3,MX,AR,PX)	
		**********	
*	A-4377-627-A	MAIN BOARD, COMPLETE (N350:AUS)	
		**********	
*	A-4377-809-A	MAIN BOARD, COMPLETE (N350:G)	
		**********	
*	A-4377-812-A	MAIN BOARD, COMPLETE (N350:IT)	
		**********	
		< CAPACITOR >	
C1	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C2	1-124-477-11	ELECT 47uF 20% 25V	
		(D560/N350:CND,AEP,UK,E,AUS,MX,AR,PX /N350K:E3,MY,SP)	
C2	1-126-101-11	ELECT 100uF 20% 16V	
		(N350:G,IT/N350K:EA)	
C3	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C4	1-162-306-11	CERAMIC 0.01uF 30% 16V	
		(N350:AEP,UK,E,AUS,MX,AR,PX,G,IT/N350K)	
C5	1-162-306-11	CERAMIC 0.01uF 30% 16V	
		(N350:AEP,UK,E,AUS,MX,AR,PX,G,IT/N350K)	
C6	1-162-306-11	CERAMIC 0.01uF 30% 16V	
		(N350:AEP,UK,E,AUS,MX,AR,PX,G,IT/N350K)	
C7	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C8	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C9	1-124-907-11	ELECT 10uF 20% 50V	
		(D560/N350:CND,E,AUS,MX,AR,PX/N350K:E3,MY,SP)	
C9	1-162-306-11	CERAMIC 0.01uF 30% 16V	
		(N350K:EA)	
C11	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C12	1-124-120-11	ELECT 220uF 20% 25V	
		(N350:G,IT/N350K:EA)	
C12	1-124-477-11	ELECT 47uF 20% 25V	
		(D560/N350:CND,AEP,UK,E,AUS,MX,AR,PX /N350K:E3,MY,SP)	
C13	1-162-306-11	CERAMIC 0.01uF 30% 16V	

MAIN

Ref. No.	Part No.	Description			Remark
C14	1-162-306-11	CERAMIC	0.01uF	30%	16V
C15	1-164-159-11	CERAMIC	0.1uF		50V
C16	1-124-907-11	ELECT	10uF	20%	50V
C17	1-124-902-00	ELECT	0.47uF	20%	50V
C18	1-124-903-11	ELECT	1uF	20%	50V
C19	1-124-903-11	ELECT	1uF	20%	50V
C20	1-124-907-11	ELECT	10uF	20%	50V
C21	1-124-907-11	ELECT	10uF	20%	50V
C22	1-124-907-11	ELECT	10uF	20%	50V
C23	1-124-907-11	ELECT	10uF	20%	50V
C24	1-137-436-11	FILM	0.0039uF	5%	50V (D560/N350:CND, AEP, UK, G, IT)
C25	1-137-436-11	FILM	0.0039uF	5%	50V (D560/N350:CND, AEP, UK, G, IT)
C26	1-136-158-00	FILM	0.027uF	5%	50V (N350:AEP, UK, E, AUS, MX, AR, PX/N350K)
C26	1-136-160-00	FILM	0.039uF	5%	50V (D560/N350:CND, G, IT)
C27	1-136-158-00	FILM	0.027uF	5%	50V (N350:AEP, UK, E, AUS, MX, AR, PX/N350K)
C27	1-136-160-00	FILM	0.039uF	5%	50V (D560/N350:CND, G, IT)
C28	1-124-903-11	ELECT	1uF	20%	50V
C29	1-162-294-31	CERAMIC	0.001uF	10%	50V
C30	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C31	1-124-477-11	ELECT	47uF	20%	25V
C32	1-126-962-11	ELECT	3.3uF	20%	50V
C33	1-162-306-11	CERAMIC	0.01uF	30%	16V
C34	1-124-907-11	ELECT	10uF	20%	50V
C35	1-162-306-11	CERAMIC	0.01uF	30%	16V
C37	1-162-199-31	CERAMIC	10PF	5%	50V (N350K:EA)
C38	1-162-211-31	CERAMIC	33PF	5%	50V (N350:G, IT)
C39	1-162-195-31	CERAMIC	4.7PF	10%	50V (N350K:EA)
C40	1-101-005-00	CERAMIC	22000PF		50V
C41	1-164-159-11	CERAMIC	0.1uF		50V (N350:AEP, UK/N350K:EA)
C42	1-162-196-31	CERAMIC	5.6PF	10%	50V (N350:AEP, UK)
C42	1-162-198-31	CERAMIC	8.2PF	10%	50V (D560/N350:CND, E, AUS, MX, AR, PX, G, IT/N350K)
C43	1-162-306-11	CERAMIC	0.01uF	30%	16V
C44	1-102-120-00	CERAMIC	0.0018uF	10%	50V (N350:AEP, UK)
C45	1-162-301-11	CERAMIC	0.0015uF	30%	16V (N350:AEP, UK)
C46	1-101-005-00	CERAMIC	22000PF		50V (N350:AEP, UK)
C47	1-136-162-00	FILM	0.056uF	5%	50V (N350K:EA)
C48	1-164-159-11	CERAMIC	0.1uF		50V (N350K:EA)
C49	1-162-306-11	CERAMIC	0.01uF	30%	16V (N350K:EA)
C51	1-164-031-11	CERAMIC	33PF	5%	50V
C52	1-164-027-11	CERAMIC	22PF	5%	50V
C53	1-162-306-11	CERAMIC	0.01uF	30%	16V
C54	1-124-477-11	ELECT	47uF	20%	25V
C55	1-162-306-11	CERAMIC	0.01uF	30%	16V
C56	1-162-306-11	CERAMIC	0.01uF	30%	16V
C57	1-162-306-11	CERAMIC	0.01uF	30%	16V
C58	1-162-306-11	CERAMIC	0.01uF	30%	16V
C61	1-124-925-11	ELECT	2.2uF	20%	100V
C62	1-164-159-11	CERAMIC	0.1uF		50V
C63	1-162-306-11	CERAMIC	0.01uF	30%	16V
C66	1-162-199-31	CERAMIC	10PF	5%	50V (D560/N350:CND)
C67	1-162-294-31	CERAMIC	0.001uF	10%	50V (N350:AEP, UK)
C68	1-162-306-11	CERAMIC	0.01uF	30%	16V
C69	1-124-120-11	ELECT	220uF	20%	25V
C71	1-136-173-00	FILM	0.47uF	5%	50V (N350:AEP, UK)
C72	1-161-494-00	CERAMIC	0.022uF		25V (N350:AEP, UK)
C73	1-161-494-00	CERAMIC	0.022uF		25V (N350:AEP, UK)
C701	1-137-368-11	FILM	0.0047uF	5%	50V
C702	1-162-290-31	CERAMIC	470PF	10%	50V
C703	1-137-399-11	FILM	0.1uF	5%	50V (D560/N350:CND, AEP, UK, G, IT)
C705	1-124-903-11	ELECT	1uF	20%	50V
C706	1-124-902-00	ELECT	0.47uF	20%	50V
C707	1-124-907-11	ELECT	10uF	20%	50V
C710	1-124-907-11	ELECT	10uF	20%	50V
C711	1-124-903-11	ELECT	1uF	20%	50V
C712	1-124-443-00	ELECT	100uF	20%	10V
C801	1-137-368-11	FILM	0.0047uF	5%	50V
C802	1-162-290-31	CERAMIC	470PF	10%	50V
C803	1-137-399-11	FILM	0.1uF	5%	50V (D560/N350:CND, AEP, UK, G, IT)
C805	1-124-903-11	ELECT	1uF	20%	50V
C806	1-124-902-00	ELECT	0.47uF	20%	50V
C807	1-124-907-11	ELECT	10uF	20%	50V
C810	1-124-907-11	ELECT	10uF	20%	50V
C811	1-124-903-11	ELECT	1uF	20%	50V
C812	1-124-443-00	ELECT	100uF	20%	10V
C901	1-164-159-11	CERAMIC	0.1uF		50V
C902	1-164-159-11	CERAMIC	0.1uF		50V
C903	1-164-159-11	CERAMIC	0.1uF		50V
C906	1-126-101-11	ELECT	100uF	20%	16V

Ref.No.	Part No.	Description				Remark
C1001	1-162-288-31	CERAMIC	330PF	10%	50V	
						(N350:AEP, UK, G, IT)
C1003	1-162-282-31	CERAMIC	100PF	10%	50V	
C1004	1-162-282-31	CERAMIC	100PF	10%	50V	
C1005	1-124-927-11	ELECT	4.7uF	20%	100V	
C1006	1-162-600-11	CERAMIC	0.0047uF	30%	16V	
C1007	1-162-301-11	CERAMIC	0.0015uF	30%	16V	
C1008	1-124-902-00	ELECT	0.47uF	20%	50V	
C1009	1-124-126-00	ELECT	47uF	20%	10V	
						(N350:AEP, UK, G, IT)
C1010	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C1021	1-162-286-31	CERAMIC	220PF	10%	50V	
						(N350:AEP, UK, G, IT)
C1033	1-124-907-11	ELECT	10uF	20%	50V	
C1034	1-124-907-11	ELECT	10uF	20%	50V	
C1051	1-162-288-31	CERAMIC	330PF	10%	50V	
						(N350:AEP, UK, G, IT)
C1053	1-162-282-31	CERAMIC	100PF	10%	50V	
C1054	1-162-282-31	CERAMIC	100PF	10%	50V	
C1055	1-124-927-11	ELECT	4.7uF	20%	100V	
C1056	1-162-600-11	CERAMIC	0.0047uF	30%	16V	
C1057	1-162-301-11	CERAMIC	0.0015uF	30%	16V	
C1058	1-124-902-00	ELECT	0.47uF	20%	50V	
C1059	1-124-126-00	ELECT	47uF	20%	10V	
						(N350:AEP, UK, G, IT)
C1060	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C1071	1-162-286-31	CERAMIC	220PF	10%	50V	
						(N350:AEP, UK, G, IT)
C1101	1-137-440-11	FILM	0.018uF	5%	50V	
C1102	1-124-903-11	ELECT	1uF	20%	50V	
C1103	1-162-302-11	CERAMIC	0.0022uF	30%	16V	
C1104	1-137-443-11	FILM	0.056uF	5%	50V	
C1105	1-162-600-11	CERAMIC	0.0047uF	30%	16V	
C1106	1-136-171-00	FILM	0.33uF	5%	50V	
C1107	1-136-167-00	FILM	0.15uF	5%	50V	
C1131	1-124-907-11	ELECT	10uF	20%	50V	
C1133	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C1151	1-137-440-11	FILM	0.018uF	5%	50V	
C1152	1-124-903-11	ELECT	1uF	20%	50V	
C1153	1-162-302-11	CERAMIC	0.0022uF	30%	16V	
C1154	1-137-443-11	FILM	0.056uF	5%	50V	
C1155	1-162-600-11	CERAMIC	0.0047uF	30%	16V	
C1156	1-136-171-00	FILM	0.33uF	5%	50V	
C1157	1-136-167-00	FILM	0.15uF	5%	50V	
C1161	1-164-159-11	CERAMIC	0.1uF		50V	
C1181	1-124-907-11	ELECT	10uF	20%	50V	
C1183	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C1191	1-124-907-11	ELECT	10uF	20%	50V	
C1221	1-124-443-00	ELECT	100uF	20%	10V	
C1222	1-126-176-11	ELECT	220uF	20%	10V	
C1223	1-126-176-11	ELECT	220uF	20%	10V	
C1224	1-124-925-11	ELECT	2.2uF	20%	100V	
C1248	1-137-375-11	FILM	0.068uF	5%	50V	
						(N350:AEP, UK, G, IT)
C1249	1-137-375-11	FILM	0.068uF	5%	50V	
						(N350:AEP, UK, G, IT)
C1250	1-162-294-31	CERAMIC	0.001uF	10%	50V	
						(N350:AEP, UK, G, IT)
C1298	1-137-375-11	FILM	0.068uF	5%	50V	
						(N350:AEP, UK, G, IT)
C1299	1-137-375-11	FILM	0.068uF	5%	50V	
						(N350:AEP, UK, G, IT)
C1300	1-162-294-31	CERAMIC	0.001uF	10%	50V	
						(N350:AEP, UK, G, IT)
C1301	1-136-169-00	FILM	0.22uF	5%	50V	
C1302	1-136-169-00	FILM	0.22uF	5%	50V	
C1303	1-126-974-11	ELECT	3300uF	20%	50V	
						(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1303	1-128-493-11	ELECT	4700uF	20%	71V	
						(D560/N350:CND)
C1304	1-126-974-11	ELECT	3300uF	20%	50V	
						(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1304	1-128-493-11	ELECT	4700uF	20%	71V	
						(D560/N350:CND)
C1305	1-126-105-11	ELECT	1000uF	20%	35V	
C1306	1-124-477-11	ELECT	47uF	20%	25V	
C1307	1-124-477-11	ELECT	47uF	20%	25V	
C1321	1-124-122-11	ELECT	100uF	20%	50V	
C1322	1-124-122-11	ELECT	100uF	20%	50V	
C1326	1-124-907-11	ELECT	10uF	20%	50V	
C1327	1-124-907-11	ELECT	10uF	20%	50V	
C1331	1-136-165-00	FILM	0.1uF	5%	50V	
C1332	1-136-165-00	FILM	0.1uF	5%	50V	
C1333	1-126-946-11	ELECT	6800uF	20%	25V	
C1334	1-124-636-00	ELECT	3300uF	20%	25V	
C1341	1-124-907-11	ELECT	10uF	20%	50V	
C1342	1-124-902-00	ELECT	0.47uF	20%	50V	
C1343	1-124-903-11	ELECT	1uF	20%	50V	
C1344	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C1346	1-124-907-11	ELECT	10uF	20%	50V	
C1361	1-126-176-11	ELECT	220uF	20%	10V	
C1362	1-126-176-11	ELECT	220uF	20%	10V	
C1365	1-124-472-11	ELECT	470uF	20%	10V	
C1371	1-124-477-11	ELECT	47uF	20%	25V	
						(N350:AEP2, UK, E2)
C1381	1-124-898-11	ELECT	4700uF	20%	16V	
C1501	1-124-471-00	ELECT	1000uF	20%	6.3V	
C1503	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C1504	1-124-477-11	ELECT	47uF	20%	25V	
C1506	1-136-165-00	FILM	0.1uF	5%	50V	
C1507	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C1511	1-102-947-00	CERAMIC	10PF	5%	50V	
C1512	1-102-947-00	CERAMIC	10PF	5%	50V	

MAIN

Ref. No.	Part No.	Description	Remark
C1515	1-162-290-31	CERAMIC 470PF 10% 50V	
C1801	1-124-907-11	ELECT 10uF 20% 50V	
C1802	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C1803	1-124-925-11	ELECT 2.2uF 20% 100V	
		< FILTER >	
CF1	1-567-389-11	FILTER, CERAMIC (10.7MHz)	
CF2	1-760-393-11	FILTER, CERAMIC (10.7MHz)	(N350:AEP, UK, G, IT)
CF3	1-567-389-11	FILTER, CERAMIC (10.7MHz)	(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
CF3	1-760-393-11	FILTER, CERAMIC (10.7MHz)	(N350:AEP, UK, G, IT)
CF4	1-760-220-11	FILTER, CERAMIC (10.7MHz)	
CF5	1-527-981-00	FILTER, CERAMIC (450kHz)	
CF6	1-577-075-11	OSCILLATOR, CERAMIC (456kHz)	
		< CONNECTOR >	
CN901	1-568-838-11	SOCKET, CONNECTOR 21P	
* CN902	1-568-830-11	SOCKET, CONNECTOR 11P	
* CN903	1-560-061-00	PIN, CONNECTOR 3P	
* CN1003	1-568-955-11	PIN, CONNECTOR 6P (N350K)	
* CN1006	1-568-834-11	SOCKET, CONNECTOR 15P (N350K)	
* CN1301	1-564-512-11	PLUG, CONNECTOR 9P	
* CN1302	1-564-509-11	PLUG, CONNECTOR 6P	
* CN1371	1-566-210-11	PIN, CONNECTOR 3P (N350:AEP2, UK, E2)	
* CN1501	1-568-834-11	SOCKET, CONNECTOR 15P	
CN1751	1-770-064-11	CONNECTOR, FFC/FPC 29P	
		< TRIMMER >	
CT1	1-141-227-00	CAP, TRIMMER 20PF (N350K:EA)	
CT2	1-141-227-00	CAP, TRIMMER 20PF (N350K:EA)	
		< DIODE >	
D1	8-719-987-63	DIODE 1N4148M	
D5	8-719-976-30	DIODE KV1560N (N350K:EA)	
D901	8-719-933-54	DIODE HZS9A2L	
D1204	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1204	8-719-987-63	DIODE 1N4148M	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
D1205	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1205	8-719-987-63	DIODE 1N4148M	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
D1303	8-719-028-23	DIODE D3SBA20-4101 (N350:AEP, UK, G, IT)	
D1303	8-719-510-68	DIODE D5SBA20F01	(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
D1306	8-719-001-42	DIODE UZL-11M1	
D1309	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1309	8-719-987-63	DIODE 1N4148M	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
D1310	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1310	8-719-987-63	DIODE 1N4148M	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
D1311	8-719-024-99	DIODE 11ES2-NTA2B	
D1321	8-719-024-99	DIODE 11ES2-NTA2B	
D1322	8-719-024-99	DIODE 11ES2-NTA2B	
D1323	8-719-934-18	LED HZS27-2L	
D1331	8-719-200-02	DIODE 10E2	
D1332	8-719-200-02	DIODE 10E2	
D1333	8-719-200-02	DIODE 10E2	
D1334	8-719-200-02	DIODE 10E2	
D1341	8-719-987-63	DIODE 1N4148M	
D1361	8-719-987-63	DIODE 1N4148M	
D1362	8-719-987-63	DIODE 1N4148M	
D1363	8-719-024-99	DIODE 11ES2-NTA2B	
D1364	8-719-024-99	DIODE 11ES2-NTA2B	
D1371	8-719-024-99	DIODE 11ES2-NTA2B	(N350:AEP2, UK, E2)
D1372	8-719-024-99	DIODE 11ES2-NTA2B	(N350:AEP2, UK, E2)
D1373	8-719-024-99	DIODE 11ES2-NTA2B	(N350:AEP2, UK, E2)
D1374	8-719-024-99	DIODE 11ES2-NTA2B	(N350:AEP2, UK, E2)
D1375	8-719-024-99	DIODE 11ES2-NTA2B	
D1376	8-719-024-99	DIODE 11ES2-NTA2B	
D1377	8-719-024-99	DIODE 11ES2-NTA2B	
D1378	8-719-024-99	DIODE 11ES2-NTA2B	
D1381	8-719-024-99	DIODE 11ES2-NTA2B	
D1382	8-719-024-99	DIODE 11ES2-NTA2B	
D1383	8-719-024-99	DIODE 11ES2-NTA2B	
D1501	8-719-024-99	DIODE 11ES2-NTA2B	
D1502	8-719-987-63	DIODE 1N4148M	
D1503	8-719-024-99	DIODE 11ES2-NTA2B	
D1521	8-719-987-63	DIODE 1N4148M	
D1525	8-719-987-63	DIODE 1N4148M	
D1751	8-719-987-63	DIODE 1N4148M	
		< FRONTEND >	
FE1	1-465-673-11	FRONT END (2 BAND)	(D560/N350:CND)
FE1	1-693-090-51	FRONT END (FM) (2 GANG)	(N350:E, AUS, MX, AR, PX/N350K)
FE1	1-693-217-11	FRONT END (4 GANG)	(N350:AEP, UK, G, IT)
		< IC >	
IC1	8-759-200-60	IC TA7060AP	(N350:AEP, UK, G, IT)
IC2	8-759-200-60	IC TA7060AP	(N350:AEP, UK, G, IT)
IC3	8-759-176-03	IC LA1835	
IC51	8-759-288-54	IC LC72130	
IC901	8-759-289-38	IC HA12195NT	(D560/N350:CND, AEP, UK, G, IT)
IC901	8-759-289-39	IC HA12196NT	(N350:E, AUS, MX, AR, PX/N350K)
IC902	8-759-822-09	IC LB1641	
IC1001	8-759-634-51	IC M5218AP	
IC1002	8-759-000-48	IC MC14052BCP	

Ref.No.	Part No.	Description	Remark
IC1003	8-759-140-53	IC uPD4053BC	
IC1051	8-759-333-93	IC TMP87CP64F-6254	
IC1052	8-759-925-74	IC SN74HC04ANS	
IC1052	8-759-269-92	IC SN74HCU04ANS-E20	
IC1101	8-759-291-98	IC M62423FP	
IC1131	8-759-281-42	IC TC9210P	
IC1202	8-759-111-68	IC uPC1237HA	
IC1341	8-759-820-13	IC L78MR06	
		< IFT >	
IFT1	1-409-636-11	TRANSFORMER, IF(CERAMIC FILTER)	
		< JACK >	
* J1001	1-580-912-11	JACK, PIN 4P	
		< COIL >	
L1	1-407-500-00	INDUCTOR 4.7mH	(N350:AEP, UK)
L1	1-410-688-31	INDUCTOR 1.5mH	(D560/N350:CND, E, AUS, MX, AR, PX, G, IT/N350K)
L2	1-410-336-11	INDUCTOR 220uH	(N350:G, IT)
L2	1-410-525-11	INDUCTOR 220uH	(N350:AEP, UK)
L31	1-414-142-11	INDUCTOR 1uH	(N350:G, IT)
L1201	1-420-872-00	COIL, AIR-CORE	(D560/N350:CND, AEP, UK, G, IT)
L1251	1-420-872-00	COIL, AIR-CORE	(D560/N350:CND, AEP, UK, G, IT)
L1501	1-410-509-11	INDUCTOR 10uH	
		< FILTER >	
LPF1	1-239-597-11	FILTER, LOW PASS	(D560/N350:CND, AEP, UK, G, IT)
LPF2	1-239-597-11	FILTER, LOW PASS	(D560/N350:CND, AEP, UK, G, IT)
		< TRANSISTOR >	
Q1	8-729-230-99	TRANSISTOR 2SC2669-OY	(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
Q2	8-729-230-99	TRANSISTOR 2SC2669-OY	(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
Q3	8-729-230-99	TRANSISTOR 2SC2669-OY	(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
Q4	8-729-230-99	TRANSISTOR 2SC2669-OY	(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
Q5	8-729-422-57	TRANSISTOR UN4111	
Q6	8-729-119-76	TRANSISTOR 2SA1175-HFE	(N350:AEP, UK/N350K:EA)
Q7	8-729-119-76	TRANSISTOR 2SA1175-HFE	(N350:AEP, UK/N350K:EA)
Q8	8-729-900-80	TRANSISTOR DTC114ES	(N350:AEP, UK/N350K:EA)
Q9	8-729-900-80	TRANSISTOR DTC114ES	(N350:AEP, UK/N350K:EA)
Q10	8-729-900-80	TRANSISTOR DTC114ES	(N350:AEP, UK/N350K:EA)
Q11	8-729-900-80	TRANSISTOR DTC114ES	(N350:AEP, UK/N350K:EA)
Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q801	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q901	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q902	8-729-900-65	TRANSISTOR DTA144ES	
Q903	8-729-111-29	TRANSISTOR 2SD1616A-K	(N350:AEP, UK, G, IT)
Q903	8-729-801-93	TRANSISTOR 2SD1387	(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
Q904	8-729-111-29	TRANSISTOR 2SD1616A-K	(N350:AEP, UK, G, IT)
Q905	8-729-111-29	TRANSISTOR 2SD1616A-K	(N350:AEP, UK, G, IT)
Q906	8-729-900-80	TRANSISTOR DTC114ES	
Q907	8-729-422-57	TRANSISTOR UN4111	
Q908	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q909	8-729-900-80	TRANSISTOR DTC114ES	
Q910	8-729-900-65	TRANSISTOR DTA144ES	
Q911	8-729-900-65	TRANSISTOR DTA144ES	
Q912	8-729-900-65	TRANSISTOR DTA144ES	
Q1001	8-729-900-80	TRANSISTOR DTC114ES	(D560/N350)
Q1002	8-729-900-80	TRANSISTOR DTC114ES	
Q1003	8-729-900-80	TRANSISTOR DTC114ES	(N350K)
Q1004	8-729-900-80	TRANSISTOR DTC114ES	
Q1101	8-729-119-78	TRANSISTOR 2SC2785-HFE	(D560/N350)
Q1101	8-729-900-80	TRANSISTOR DTC114ES	(N350K)
Q1102	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1103	8-729-900-63	TRANSISTOR DTA124ES	
Q1151	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1152	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1204	8-729-900-63	TRANSISTOR DTA124ES	
Q1205	8-729-900-36	TRANSISTOR DTC124ES	
Q1206	8-729-900-36	TRANSISTOR DTC124ES	
Q1301	8-729-111-29	TRANSISTOR 2SD1616A-K	
Q1303	8-729-900-36	TRANSISTOR DTC124ES	
Q1321	8-729-118-00	TRANSISTOR 2SB1116-L	
Q1322	8-729-118-00	TRANSISTOR 2SB1116-L	
Q1361	8-729-118-00	TRANSISTOR 2SB1116-L	
Q1362	8-729-900-36	TRANSISTOR DTC124ES	
Q1501	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1511	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q1801	8-729-119-78	TRANSISTOR 2SC2785-HFE	
		< RESISTOR >	
R4	1-249-402-11	CARBON 56 5% 1/4W	F
R5	1-249-411-11	CARBON 330 5% 1/4W	

MAIN

Ref. No.	Part No.	Description				Remark
R6	1-249-433-11	CARBON	22K	5%	1/4W	
R7	1-249-411-11	CARBON	330	5%	1/4W	
R8	1-249-414-11	CARBON	560	5%	1/4W	F
		(D560/N350:CND, E, AUS, MX, AR, PX/N350K)				
R9	1-249-433-11	CARBON	22K	5%	1/4W	
R10	1-249-411-11	CARBON	330	5%	1/4W	
R11	1-249-433-11	CARBON	22K	5%	1/4W	
R12	1-249-411-11	CARBON	330	5%	1/4W	
R13	1-249-411-11	CARBON	330	5%	1/4W	
						(N350K:EA)
R14	1-249-433-11	CARBON	22K	5%	1/4W	
R15	1-249-405-11	CARBON	100	5%	1/4W	F
R16	1-249-442-11	CARBON	510	5%	1/4W	
R17	1-249-403-11	CARBON	68	5%	1/4W	F
R18	1-247-842-11	CARBON	3K	5%	1/4W	
R19	1-249-441-11	CARBON	100K	5%	1/4W	
R20	1-249-429-11	CARBON	10K	5%	1/4W	
R21	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R22	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R23	1-249-426-11	CARBON	5.6K	5%	1/4W	
R24	1-249-426-11	CARBON	5.6K	5%	1/4W	
R25	1-249-429-11	CARBON	10K	5%	1/4W	
R26	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350:AEP, UK/N350K:EA)
R40	1-249-395-11	CARBON	15	5%	1/4W	F
						(N350K:EA)
R40	1-249-399-11	CARBON	33	5%	1/4W	F
						(D560/N350/N350K:E, MY, SP)
R41	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350:AEP, UK/N350K:EA)
R42	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350:AEP, UK/N350K:EA)
R43	1-249-441-11	CARBON	100K	5%	1/4W	
R44	1-249-425-11	CARBON	4.7K	5%	1/4W	F
						(N350:AEP, UK/N350K:EA)
R45	1-249-437-11	CARBON	47K	5%	1/4W	
R46	1-247-903-00	CARBON	1M	5%	1/4W	
						(N350:AEP, UK, G, IT)
R47	1-249-433-11	CARBON	22K	5%	1/4W	
						(N350:AEP, UK/N350K:EA)
R48	1-249-437-11	CARBON	47K	5%	1/4W	
						(N350:AEP, UK)
R49	1-247-903-00	CARBON	1M	5%	1/4W	
						(N350K:EA)
R50	1-249-401-11	CARBON	47	5%	1/4W	F
R51	1-249-417-11	CARBON	1K	5%	1/4W	F
						(D560/N350:CND)
R51	1-249-423-11	CARBON	3.3K	5%	1/4W	F
		(N350:AEP, UK, G, IT, E, AUS, MX, AR, PX/N350K)				
R52	1-249-417-11	CARBON	1K	5%	1/4W	F
						(D560/N350:CND)
R52	1-249-429-11	CARBON	10K	5%	1/4W	
		(N350:AEP, UK, G, IT, E, AUS, MX, AR, PX/N350K)				
R53	1-249-417-11	CARBON	1K	5%	1/4W	F
						(D560/N350:CND)
R53	1-249-429-11	CARBON	10K	5%	1/4W	
		(N350:AEP, UK, G, IT, E, AUS, MX, AR, PX/N350K)				
R55	1-249-429-11	CARBON	10K	5%	1/4W	
R56	1-249-417-11	CARBON	1K	5%	1/4W	F
						(N350:AEP, UK/N350K:EA)
R57	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350:AEP, UK/N350K:EA)
R58	1-249-417-11	CARBON	1K	5%	1/4W	F
R59	1-249-417-11	CARBON	1K	5%	1/4W	F
R60	1-249-405-11	CARBON	100	5%	1/4W	F
R61	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R62	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R63	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R64	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R65	1-247-807-31	CARBON	100	5%	1/4W	
R66	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R71	1-249-423-11	CARBON	3.3K	5%	1/4W	F
						(N350:AEP, UK)
R72	1-249-433-11	CARBON	22K	5%	1/4W	
						(N350:AEP, UK)
R73	1-249-425-11	CARBON	4.7K	5%	1/4W	F
						(N350:AEP, UK)
R74	1-249-425-11	CARBON	4.7K	5%	1/4W	F
						(N350:AEP, UK)
R75	1-249-425-11	CARBON	4.7K	5%	1/4W	F
						(N350:AEP, UK)
R701	1-249-430-11	CARBON	12K	5%	1/4W	
R702	1-249-431-11	CARBON	15K	5%	1/4W	
R703	1-215-451-00	METAL	18K	1%	1/4W	
						(D560/N350:CND, AEP, UK, G, IT)
R704	1-249-428-11	CARBON	8.2K	5%	1/4W	F
R705	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R706	1-249-429-11	CARBON	10K	5%	1/4W	
R707	1-249-429-11	CARBON	10K	5%	1/4W	
R708	1-249-429-11	CARBON	10K	5%	1/4W	
R709	1-249-429-11	CARBON	10K	5%	1/4W	
R710	1-249-429-11	CARBON	10K	5%	1/4W	
R711	1-249-429-11	CARBON	10K	5%	1/4W	
R712	1-249-429-11	CARBON	10K	5%	1/4W	
R713	1-249-429-11	CARBON	10K	5%	1/4W	
R714	1-249-420-11	CARBON	1.8K	5%	1/4W	F
R715	1-249-433-11	CARBON	22K	5%	1/4W	
R716	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R717	1-249-428-11	CARBON	8.2K	5%	1/4W	F
R718	1-249-417-11	CARBON	1K	5%	1/4W	F
R801	1-249-430-11	CARBON	12K	5%	1/4W	
R802	1-249-431-11	CARBON	15K	5%	1/4W	
R804	1-249-428-11	CARBON	8.2K	5%	1/4W	F
R805	1-249-425-11	CARBON	4.7K	5%	1/4W	F

Ref.No.	Part No.	Description				Remark
R806	1-247-882-11	CARBON	130K	5%	1/4W	
R807	1-247-866-11	CARBON	30K	5%	1/4W	
R808	1-247-864-11	CARBON	24K	5%	1/4W	
R809	1-249-429-11	CARBON	10K	5%	1/4W	
			(D560/N350:CND, AEP, UK, G, IT)			
R814	1-249-420-11	CARBON	1.8K	5%	1/4W	F
R815	1-249-433-11	CARBON	22K	5%	1/4W	
R816	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R817	1-249-428-11	CARBON	8.2K	5%	1/4W	F
R818	1-249-417-11	CARBON	1K	5%	1/4W	F
R901	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R902	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R903	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R904	1-249-417-11	CARBON	1K	5%	1/4W	F
R905	1-249-437-11	CARBON	47K	5%	1/4W	
R906	1-249-437-11	CARBON	47K	5%	1/4W	
R907	1-249-437-11	CARBON	47K	5%	1/4W	
R908	1-249-437-11	CARBON	47K	5%	1/4W	
R914	1-249-433-11	CARBON	22K	5%	1/4W	
R915	1-249-433-11	CARBON	22K	5%	1/4W	
R916	1-249-411-11	CARBON	330	5%	1/4W	
R917	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R918	1-249-429-11	CARBON	10K	5%	1/4W	
R920	1-249-429-11	CARBON	10K	5%	1/4W	
R921	1-249-417-11	CARBON	1K	5%	1/4W	F
R922	1-249-417-11	CARBON	1K	5%	1/4W	F
			(N350:AEP, UK, G, IT)			
R923	1-249-417-11	CARBON	1K	5%	1/4W	F
			(N350:AEP, UK, G, IT)			
R924	1-249-381-11	CARBON	1	5%	1/4W	F
			(N350:AEP, UK, G, IT)			
R925	1-249-381-11	CARBON	1	5%	1/4W	F
			(N350:AEP, UK, G, IT)			
R926	1-249-381-11	CARBON	1	5%	1/4W	F
			(N350:AEP, UK, G, IT)			
R1001	1-249-417-11	CARBON	1K	5%	1/4W	F
			(N350:AEP, UK, G, IT)			
R1002	1-249-417-11	CARBON	1K	5%	1/4W	F
R1003	1-249-437-11	CARBON	47K	5%	1/4W	
R1004	1-249-416-11	CARBON	820	5%	1/4W	F
			(D560/N350:CND, AEP, UK, G, IT)			
R1004	1-249-419-11	CARBON	1.5K	5%	1/4W	F
			(N350:E, AUS, MX, AR, PX/N350K)			
R1005	1-247-897-11	CARBON	560K	5%	1/4W	
R1006	1-249-437-11	CARBON	47K	5%	1/4W	
R1007	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R1008	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R1009	1-249-409-11	CARBON	220	5%	1/4W	F
			(N350:AEP, UK, G, IT)			
R1011	1-249-429-11	CARBON	10K	5%	1/4W	
R1012	1-249-429-11	CARBON	10K	5%	1/4W	
R1013	1-249-429-11	CARBON	10K	5%	1/4W	

Ref.No.	Part No.	Description				Remark
R1014	1-249-429-11	CARBON	10K	5%	1/4W	
R1021	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R1022	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R1049	1-249-441-11	CARBON	100K	5%	1/4W	
R1051	1-249-417-11	CARBON	1K	5%	1/4W	F
			(N350:AEP, UK, G, IT)			
R1052	1-249-417-11	CARBON	1K	5%	1/4W	F
R1053	1-249-437-11	CARBON	47K	5%	1/4W	
R1054	1-249-416-11	CARBON	820	5%	1/4W	F
			(D560/N350:CND, AEP, UK, G, IT)			
R1054	1-249-419-11	CARBON	1.5K	5%	1/4W	F
			(N350:E, AUS, MX, AR, PX/N350K)			
R1055	1-247-897-11	CARBON	560K	5%	1/4W	
R1056	1-249-437-11	CARBON	47K	5%	1/4W	
R1057	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R1058	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R1059	1-249-409-11	CARBON	220	5%	1/4W	F
			(N350:AEP, UK, G, IT)			
R1071	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R1072	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R1099	1-249-441-11	CARBON	100K	5%	1/4W	
R1100	1-249-434-11	CARBON	27K	5%	1/4W	
R1131	1-249-441-11	CARBON	100K	5%	1/4W	
R1141	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R1142	1-249-437-11	CARBON	47K	5%	1/4W	
R1143	1-249-433-11	CARBON	22K	5%	1/4W	
R1144	1-249-429-11	CARBON	10K	5%	1/4W	
R1145	1-249-433-11	CARBON	22K	5%	1/4W	
R1146	1-249-417-11	CARBON	1K	5%	1/4W	F
R1150	1-249-434-11	CARBON	27K	5%	1/4W	
R1181	1-249-441-11	CARBON	100K	5%	1/4W	
R1191	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R1194	1-249-429-11	CARBON	10K	5%	1/4W	
R1195	1-249-433-11	CARBON	22K	5%	1/4W	
R1196	1-249-417-11	CARBON	1K	5%	1/4W	F
R1220	1-249-389-11	CARBON	4.7	5%	1/4W	F
			(D560/N350:CND, AEP, UK, G, IT)			
R1221	1-249-389-11	CARBON	4.7	5%	1/4W	F
			(D560/N350:CND, AEP, UK, G, IT)			
R1222	1-249-409-11	CARBON	220	5%	1/4W	F
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)			
R1222	1-249-411-11	CARBON	330	5%	1/4W	
			(D560/N350:CND)			
R1223	1-249-409-11	CARBON	220	5%	1/4W	F
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)			
R1223	1-249-411-11	CARBON	330	5%	1/4W	
			(D560/N350:CND)			
R1226	1-216-454-11	METAL OXIDE	390	5%	2W	F
			(N350:AEP, UK, G, IT)			
R1226	1-216-456-00	METAL OXIDE	820	5%	2W	F
			(N350:E, AUS, MX, AR, PX/N350K)			

Ref.No.	Part No.	Description				Remark
R1226	1-216-481-11	METAL OXIDE	1.2K	5%	3W F	
						(D560/N350:CND)
R1233	1-247-854-11	CARBON	9.1K	5%	1/4W	
						(D560/N350:CND)
R1233	1-249-425-11	CARBON	4.7K	5%	1/4W F	
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
R1234	1-247-854-11	CARBON	9.1K	5%	1/4W	
						(D560/N350:CND)
R1234	1-249-425-11	CARBON	4.7K	5%	1/4W F	
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
R1235	1-249-435-11	CARBON	33K	5%	1/4W	
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
R1235	1-249-437-11	CARBON	47K	5%	1/4W	
						(D560/N350:CND)
R1236	1-249-441-11	CARBON	100K	5%	1/4W	
R1237	1-249-429-11	CARBON	10K	5%	1/4W	
R1240	1-249-438-11	CARBON	56K	5%	1/4W	
R1241	1-249-397-11	CARBON	22	5%	1/4W F	
R1246	1-249-421-11	CARBON	2.2K	5%	1/4W F	
R1248	1-249-389-11	CARBON	4.7	5%	1/4W F	
						(N350:AEP, UK, G, IT)
R1249	1-249-389-11	CARBON	4.7	5%	1/4W F	
						(N350:AEP, UK, G, IT)
R1270	1-249-389-11	CARBON	4.7	5%	1/4W F	
						(D560/N350:CND, AEP, UK, G, IT)
R1271	1-249-389-11	CARBON	4.7	5%	1/4W F	
						(D560/N350:CND, AEP, UK, G, IT)
R1272	1-249-409-11	CARBON	220	5%	1/4W F	
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
R1272	1-249-411-11	CARBON	330	5%	1/4W	
						(D560/N350:CND)
R1273	1-249-409-11	CARBON	220	5%	1/4W F	
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
R1273	1-249-411-11	CARBON	330	5%	1/4W	
						(D560/N350:CND)
R1290	1-249-437-11	CARBON	47K	5%	1/4W	
R1296	1-249-421-11	CARBON	2.2K	5%	1/4W F	
R1298	1-249-389-11	CARBON	4.7	5%	1/4W F	
						(N350:AEP, UK, G, IT)
R1299	1-249-389-11	CARBON	4.7	5%	1/4W F	
						(N350:AEP, UK, G, IT)
R1303	1-249-425-11	CARBON	4.7K	5%	1/4W F	
R1304	1-249-425-11	CARBON	4.7K	5%	1/4W F	
R1311	1-249-421-11	CARBON	2.2K	5%	1/4W F	
R1316	1-249-393-11	CARBON	10	5%	1/4W F	
R1321	1-249-421-11	CARBON	2.2K	5%	1/4W F	
R1322	1-249-397-11	CARBON	22	5%	1/4W F	
R1323	1-249-397-11	CARBON	22	5%	1/4W F	
R1341	1-249-417-11	CARBON	1K	5%	1/4W F	
R1342	1-249-429-11	CARBON	10K	5%	1/4W	
R1361	1-249-421-11	CARBON	2.2K	5%	1/4W F	
R1362	1-249-421-11	CARBON	2.2K	5%	1/4W F	
R1501	1-249-433-11	CARBON	22K	5%	1/4W	
R1502	1-249-433-11	CARBON	22K	5%	1/4W	
R1503	1-249-433-11	CARBON	22K	5%	1/4W	
R1511	1-249-429-11	CARBON	10K	5%	1/4W	
R1513	1-249-433-11	CARBON	22K	5%	1/4W	(N350K)
R1512	1-249-433-11	CARBON	22K	5%	1/4W	
R1520	1-249-433-11	CARBON	22K	5%	1/4W	
R1521	1-249-425-11	CARBON	4.7K	5%	1/4W F	
R1522	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350K:EA)
R1522	1-249-433-11	CARBON	22K	5%	1/4W	
R1524	1-249-429-11	CARBON	10K	5%	1/4W	
R1525	1-249-429-11	CARBON	10K	5%	1/4W	
R1526	1-249-429-11	CARBON	10K	5%	1/4W	
R1527	1-249-429-11	CARBON	10K	5%	1/4W	(N350K)
R1528	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350K:E3, MY, SP)
R1529	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350:AEP, UK, G, IT/N350K:EA)
R1529	1-249-431-11	CARBON	15K	5%	1/4W	
						(N350:AUS/N350K:E3, MY, SP)
R1529	1-249-433-11	CARBON	22K	5%	1/4W	
						(N350:E, MX, AR, PX)
R1530	1-249-423-11	CARBON	3.3K	5%	1/4W F	
						(N350K)
R1530	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350:E, AUS, MX, AR, PX, G, IT)
R1530	1-249-433-11	CARBON	22K	5%	1/4W	
						(N350:AEP, UK)
R1531	1-249-429-11	CARBON	10K	5%	1/4W	
R1533	1-249-429-11	CARBON	10K	5%	1/4W	
R1541	1-249-429-11	CARBON	10K	5%	1/4W	
R1542	1-249-429-11	CARBON	10K	5%	1/4W	
R1543	1-249-429-11	CARBON	10K	5%	1/4W	
R1544	1-249-429-11	CARBON	10K	5%	1/4W	
R1545	1-249-429-11	CARBON	10K	5%	1/4W	
R1551	1-247-807-31	CARBON	100	5%	1/4W	
R1552	1-247-807-31	CARBON	100	5%	1/4W	
R1554	1-247-807-31	CARBON	100	5%	1/4W	
R1555	1-247-807-31	CARBON	100	5%	1/4W	
R1556	1-247-807-31	CARBON	100	5%	1/4W	
R1557	1-247-807-31	CARBON	100	5%	1/4W	
R1561	1-247-807-31	CARBON	100	5%	1/4W	(N350K)
R1562	1-247-807-31	CARBON	100	5%	1/4W	(N350K)
R1563	1-247-807-31	CARBON	100	5%	1/4W	(N350K)
R1564	1-247-807-31	CARBON	100	5%	1/4W	(N350K)
R1571	1-249-429-11	CARBON	10K	5%	1/4W	
R1575	1-249-437-11	CARBON	47K	5%	1/4W	
R1754	1-247-807-31	CARBON	100	5%	1/4W	
R1755	1-249-429-11	CARBON	10K	5%	1/4W	
R1756	1-247-807-31	CARBON	100	5%	1/4W	
R1757	1-247-807-31	CARBON	100	5%	1/4W	

Ref.No.	Part No.	Description				Remark
R1758	1-247-807-31	CARBON	100	5%	1/4W	
R1759	1-249-417-11	CARBON	1K	5%	1/4W	F
R1760	1-247-807-31	CARBON	100	5%	1/4W	
R1762	1-247-807-31	CARBON	100	5%	1/4W	
R1764	1-247-807-31	CARBON	100	5%	1/4W	
R1766	1-247-807-31	CARBON	100	5%	1/4W	
R1767	1-247-807-31	CARBON	100	5%	1/4W	
R1768	1-247-807-31	CARBON	100	5%	1/4W	
R1770	1-247-807-31	CARBON	100	5%	1/4W	
R1801	1-249-437-11	CARBON	47K	5%	1/4W	
R1802	1-249-437-11	CARBON	47K	5%	1/4W	
R1803	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R1804	1-247-895-00	CARBON	470K	5%	1/4W	
R1805	1-249-413-11	CARBON	470	5%	1/4W	F
R1806	1-247-895-00	CARBON	470K	5%	1/4W	
		< COMPOSITION CIRCUIT BLOCK >				
RB1	1-236-777-11	ENCAPSULATED COMPONENT (N350K:EA)				
RB1	1-239-260-11	ENCAPSULATED COMPONENT (N350:E, AUS, MX, AR, PX, G, IT/N350K:E3, MY, SP)				
RB1	1-239-634-11	ENCAPSULATED COMPONENT, AM.RF (D560/N350:CND)				
RB1	1-239-876-11	ENCAPSULATED COMPONENT (N350:AEP, UK)				
RB2	1-236-463-11	ENCAPSULATED COMPONENT (N350:AEP, UK)				
		< VARIABLE RESISTOR >				
RV1	1-238-601-11	RES, ADJ, CARBON 22K				
RV2	1-238-601-11	RES, ADJ, CARBON 22K				
RV701	1-238-600-11	RES, ADJ, CARBON 10K				
RV801	1-238-600-11	RES, ADJ, CARBON 10K				
		< RELAY >				
RY1201	1-515-356-00	RELAY (D560/N350:CND)				
RY1201	1-515-920-11	RELAY (24V) (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
		< TRANSFORMER >				
T1	1-402-424-11	COIL (ANT, SW3) (N350K:EA)				
T2	1-402-960-11	COIL (OSC SW3) (N350K:EA)				
		< TERMINAL >				
TM1	1-537-238-21	TERMINAL BOARD (ANTENNA) (D560/N350:CND, E, AUS, MX, AR, PX/N350K)				
TM1	1-537-488-11	TERMINAL BOARD (ANT) (N350:AEP, UK, G, IT)				
TM1201	1-537-240-31	TERMINAL BOARD (CHECKER PIN) (SPEAKERS) (D560/N350:CND, E, AUS, MX, AR, PX/N350K)				
TM1201	1-537-801-11	TERMINAL BOARD (SPEAKERS) (N350:AEP, UK, G, IT)				
TM1202	1-537-240-31	TERMINAL BOARD (CHECKER PIN) (SURROUND SPEAKERS) (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				

Ref.No.	Part No.	Description				Remark
		< VIBRATOR >				
X1501	1-579-952-21	VIBRATOR, CERAMIC (8MHz)				
X1502	1-567-098-41	VIBRATOR, CRYSTAL (32.768kHz)				
		< VIBRATOR >				
XT51	1-578-785-11	VIBRATOR, CRYSTAL (4.5MHz) (D560/N350:CND)				
XT51	1-760-549-11	VIBRATOR, CRYSTAL (4.5MHz) (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
**********						
*	A-2007-253-A	MD BOARD, COMPLETE				
		**********				
		MOTOR BOARD				
		**********				
		< CAPACITOR >				
C301	1-162-289-31	CERAMIC	390PF	10%	50V	
C302	1-124-443-00	ELECT	100uF	20%	10V	
C303	1-162-282-31	CERAMIC	100PF	10%	50V	
C304	1-130-483-00	MYLAR	0.01uF	5%	50V	
C305	1-124-282-00	ELECT	22uF	20%	16V	
C311	1-162-289-31	CERAMIC	390PF	10%	50V	
C313	1-162-282-31	CERAMIC	100PF	10%	50V	
C314	1-130-487-00	MYLAR	0.022uF	5%	50V	
C315	1-124-234-00	ELECT	22uF	20%	16V	
C331	1-136-434-11	FILM	120PF	5%	630V	
C332	1-162-288-31	CERAMIC	330PF	10%	50V	
C333	1-162-209-31	CERAMIC	27PF	5%	50V	
C401	1-162-289-31	CERAMIC	390PF	10%	50V	
C402	1-124-443-00	ELECT	100uF	20%	10V	
C403	1-162-282-31	CERAMIC	100PF	10%	50V	
C404	1-130-483-00	MYLAR	0.01uF	5%	50V	
C405	1-124-282-00	ELECT	22uF	20%	16V	
C411	1-162-289-31	CERAMIC	390PF	10%	50V	
C413	1-162-282-31	CERAMIC	100PF	10%	50V	
C414	1-130-487-00	MYLAR	0.022uF	5%	50V	
C415	1-124-234-00	ELECT	22uF	20%	16V	
C431	1-136-434-11	FILM	120PF	5%	630V	
C432	1-162-288-31	CERAMIC	330PF	10%	50V	
C433	1-162-209-31	CERAMIC	27PF	5%	50V	
C601	1-126-157-11	ELECT	10uF	20%	16V	
C602	1-126-157-11	ELECT	10uF	20%	16V	
C611	1-126-157-11	ELECT	10uF	20%	16V	
C612	1-126-157-11	ELECT	10uF	20%	16V	
C621	1-136-601-11	FILM	0.01uF	5%	630V	
C622	1-124-925-11	ELECT	2.2uF	20%	100V	
C623	1-136-155-00	FILM	0.015uF	5%	50V	
C624	1-130-481-00	MYLAR	0.0068uF	5%	50V	

Ref. No.	Part No.	Description				Remark
C625	1-130-481-00	MYLAR	0.0068uF	5%	50V	
C627	1-124-903-11	ELECT	1uF	20%	50V	
C628	1-136-153-00	FILM	0.01uF	5%	50V	
C642	1-124-477-11	ELECT	47uF	20%	25V	
C651	1-164-159-11	CERAMIC	0.1uF		50V	
		< CONNECTOR >				
* CN601	1-568-864-11	SOCKET, CONNECTOR 21P				
* CN602	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P				
* CN651	1-564-521-11	PLUG, CONNECTOR 6P				
		< IC >				
IC601	8-759-111-44	IC uPC4570C-1				
IC602	8-759-143-54	IC uPC1330HA				
IC611	8-759-111-44	IC uPC4570C-1				
		< COIL >				
L331	1-410-780-11	INDUCTOR	27mH			
L431	1-410-780-11	INDUCTOR	27mH			
		< TRANSISTOR >				
Q621	8-729-142-46	TRANSISTOR	2SC2001-LK			
Q622	8-729-142-46	TRANSISTOR	2SC2001-LK			
Q623	8-729-801-93	TRANSISTOR	2SD1387			
Q651	8-729-900-65	TRANSISTOR	DTA144ES			
		< RESISTOR >				
R301	1-247-881-00	CARBON	120K	5%	1/4W	
R302	1-249-409-11	CARBON	220	5%	1/4W	F
R303	1-249-433-11	CARBON	22K	5%	1/4W	
R304	1-247-889-00	CARBON	270K	5%	1/4W	
R305	1-247-858-11	CARBON	13K	5%	1/4W	
R311	1-247-881-00	CARBON	120K	5%	1/4W	
R312	1-247-807-31	CARBON	100	5%	1/4W	
R314	1-247-882-11	CARBON	130K	5%	1/4W	
R315	1-247-850-11	CARBON	6.2K	5%	1/4W	
R331	1-249-430-11	CARBON	12K	5%	1/4W	
R401	1-247-881-00	CARBON	120K	5%	1/4W	
R402	1-249-409-11	CARBON	220	5%	1/4W	F
R403	1-249-433-11	CARBON	22K	5%	1/4W	
R404	1-247-889-00	CARBON	270K	5%	1/4W	
R405	1-247-858-11	CARBON	13K	5%	1/4W	
R411	1-247-881-00	CARBON	120K	5%	1/4W	
R412	1-247-807-31	CARBON	100	5%	1/4W	
R414	1-247-882-11	CARBON	130K	5%	1/4W	
R415	1-247-850-11	CARBON	6.2K	5%	1/4W	
R431	1-249-430-11	CARBON	12K	5%	1/4W	
R601	1-249-409-11	CARBON	220	5%	1/4W	F
R602	1-249-409-11	CARBON	220	5%	1/4W	F
R608	1-249-409-11	CARBON	220	5%	1/4W	F
R609	1-249-433-11	CARBON	22K	5%	1/4W	
R611	1-249-409-11	CARBON	220	5%	1/4W	F
R612	1-249-409-11	CARBON	220	5%	1/4W	F
⚠R621	1-212-851-00	FUSIBLE	5.6	5%	1/4W	F
⚠R622	1-212-851-00	FUSIBLE	5.6	5%	1/4W	F
R623	1-249-432-11	CARBON	18K	5%	1/4W	
R624	1-249-432-11	CARBON	18K	5%	1/4W	
R625	1-249-429-11	CARBON	10K	5%	1/4W	
R651	1-247-856-00	CARBON	11K	5%	1/4W	
R652	1-247-856-00	CARBON	11K	5%	1/4W	
R653	1-249-441-11	CARBON	100K	5%	1/4W	
		< VARIABLE RESISTOR >				
RV301	1-238-598-11	RES, ADJ, CARBON 2.2K				
RV311	1-238-598-11	RES, ADJ, CARBON 2.2K				
RV341	1-238-551-11	RES, ADJ, CARBON 220K				
RV401	1-238-598-11	RES, ADJ, CARBON 2.2K				
RV411	1-238-598-11	RES, ADJ, CARBON 2.2K				
RV441	1-238-551-11	RES, ADJ, CARBON 220K				
RV651	1-238-599-11	RES, ADJ, CARBON 4.7K				
RV652	1-238-599-11	RES, ADJ, CARBON 4.7K				
		< TRANSFORMER >				
T621	1-423-980-11	TRANSFORMER, BIAS OSCILLATION				

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*	1-654-620-11	MIC BOARD (N350K)				
		**********				
		< CAPACITOR >				
C1637	1-124-925-11	ELECT	2.2uF	20%	100V	
C1638	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C1639	1-162-215-31	CERAMIC	47PF	5%	50V	
C1640	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C1646	1-124-126-00	ELECT	47uF	20%	10V	
C1647	1-124-126-00	ELECT	47uF	20%	10V	
C1650	1-124-925-11	ELECT	2.2uF	20%	100V	
C1651	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C1652	1-162-215-31	CERAMIC	47PF	5%	50V	
C1653	1-162-294-31	CERAMIC	0.001uF	10%	50V	
		< IC >				
IC1603	8-759-634-51	IC M5218AP				
		< JACK >				
J1601	1-569-113-11	JACK, LARGE TYPE (MIC 1)				
J1602	1-573-151-11	JACK, LARGE TYPE (MIC 2)				

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref.No.	Part No.	Description				Remark
		< RESISTOR >				
R1638	1-249-429-11	CARBON	10K	5%	1/4W	
R1639	1-249-417-11	CARBON	1K	5%	1/4W	F
R1640	1-249-441-11	CARBON	100K	5%	1/4W	
R1641	1-249-417-11	CARBON	1K	5%	1/4W	F
R1642	1-249-433-11	CARBON	22K	5%	1/4W	
R1650	1-249-429-11	CARBON	10K	5%	1/4W	
R1651	1-249-417-11	CARBON	1K	5%	1/4W	F
R1652	1-249-441-11	CARBON	100K	5%	1/4W	
R1653	1-249-417-11	CARBON	1K	5%	1/4W	F
R1654	1-249-433-11	CARBON	22K	5%	1/4W	
R1655	1-249-429-11	CARBON	10K	5%	1/4W	
R1657	1-249-429-11	CARBON	10K	5%	1/4W	
**********						
	1-638-731-11	OPEN/UP SW BOARD				
		**********				
		< CONNECTOR >				
* CN705	1-566-214-11	PIN, CONNECTOR (PC BOARD) 2P				
		< SWITCH >				
S702	1-571-300-21	SWITCH, ROTARY (OPEN/UP)				
**********						
*	A-4377-067-A	PANEL BOARD, COMPLETE (N350:AEP, UK, G, IT)				
		**********				
*	A-4377-094-A	PANEL BOARD, COMPLETE (D560/N350:CND)				
		**********				
*	A-4377-106-A	PANEL BOARD, COMPLETE (N350:E, AUS, MX, AR)				
		**********				
*	A-4377-132-A	PANEL BOARD, COMPLETE (N350K)				
		**********				
*	4-949-935-21	CUSHION (FL)				
*	4-969-681-11	HOLDER, FL TUBE				
		< CAPACITOR >				
C500	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C501	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C502	1-126-157-11	ELECT	10uF	20%	16V	
C503	1-124-257-00	ELECT	2.2uF	20%	50V	
C504	1-162-303-11	CERAMIC	0.0033uF	20%	16V	
C505	1-162-303-11	CERAMIC	0.0033uF	20%	16V	
C506	1-126-157-11	ELECT	10uF	20%	16V	
C507	1-124-257-00	ELECT	2.2uF	20%	50V	
C508	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C509	1-162-294-31	CERAMIC	0.001uF	10%	50V	

Ref.No.	Part No.	Description				Remark
C511	1-124-257-00	ELECT	2.2uF	20%	50V	
C512	1-162-286-31	CERAMIC	220PF	10%	50V	
C513	1-162-286-31	CERAMIC	220PF	10%	50V	
C515	1-124-257-00	ELECT	2.2uF	20%	50V	
C601	1-124-589-11	ELECT	47uF	20%	16V	
C602	1-162-282-31	CERAMIC	100PF	10%	50V	
C604	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C605	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C606	1-126-177-11	ELECT	100uF	20%	10V	
C607	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C609	1-126-157-11	ELECT	10uF	20%	16V	
C675	1-124-261-00	ELECT	10uF	20%	50V	
		< CONNECTOR >				
* CN601	1-568-834-11	SOCKET, CONNECTOR 15P				
		< DIODE >				
D503	8-719-987-63	DIODE	1N4148M			
D507	8-719-987-63	DIODE	1N4148M			
D511	8-719-987-63	DIODE	1N4148M			
D515	8-719-987-63	DIODE	1N4148M			
D530	8-719-987-63	DIODE	1N4148M			
D531	8-719-987-63	DIODE	1N4148M			
D532	8-719-987-63	DIODE	1N4148M			
D533	8-719-987-63	DIODE	1N4148M			
D600	8-719-987-63	DIODE	1N4148M			
D617	8-719-046-46	DIODE	SEL5221S-TH8F (P.FILE)			
D618	8-719-046-46	DIODE	SEL5221S-TH8F (DANCE/5)			
D619	8-719-046-46	DIODE	SEL5221S-TH8F (CLASSIC/4)			
D620	8-719-046-46	DIODE	SEL5221S-TH8F (JAZZ/3)			
D621	8-719-046-46	DIODE	SEL5221S-TH8F (POPS/2)			
D622	8-719-046-46	DIODE	SEL5221S-TH8F (ROCK/1)			
D623	8-719-046-35	DIODE	SEL5921A-TH8F (◁◁)			
D624	8-719-046-42	DIODE	SEL5421E-TH8F (▷)			
D625	8-719-046-42	DIODE	SEL5421E-TH8F (◁)			
D626	8-719-046-43	DIODE	SEL5421E-TP15 (TUNER/BAND) (D560/N350:CND, AEP, UK, G, IT)			
D626	8-719-052-22	DIODE	SEL58420C-TP (TUNER/BAND) (N350:E, AUS, MX, AR, PX/N350K)			
D627	8-719-046-43	DIODE	SEL5421E-TP15 (TUNER/BAND) (D560/N350:CND, AEP, UK, G, IT)			
D627	8-719-052-22	DIODE	SEL58420C-TP (TUNER/BAND) (N350:E, AUS, MX, AR, PX/N350K)			
D628	8-719-046-46	DIODE	SEL5221S-TH8F (KEY CONTROL) (N350K)			
D629	8-719-010-12	DIODE	UZ-2.7BS			
D630	8-719-010-12	DIODE	UZ-2.7BS			
D634	8-719-024-99	DIODE	11ES2-NTA2B			
D651	8-719-987-63	DIODE	1N4148M			
D652	8-719-046-46	DIODE	SEL5221S-TH8F (● REC)			

PANEL

Ref. No.	Part No.	Description	Remark
		< FLUORESCENT INDICATORR >	
FL601	1-517-341-11	INDICATOR TUBE, FLUORESCENT	
		< IC >	
IC501	8-759-634-51	IC M5218AP	
IC502	8-759-634-51	IC M5218AP	
IC602	8-749-922-36	IC GP1U50XB	
IC608	8-752-862-43	IC CXP82612-006Q	
		< COIL >	
L601	1-410-509-11	INDUCTOR 10uH	
		< TRANSISTOR >	
Q601	8-729-422-57	TRANSISTOR UN4111	
Q602	8-729-422-57	TRANSISTOR UN4111	
Q608	8-729-900-63	TRANSISTOR DTA124ES	
Q609	8-729-119-78	TRANSISTOR 2SC2785-HFE (N350:E, AUS, MX, AR, PX/N350K)	
Q610	8-729-900-63	TRANSISTOR DTA124ES (N350K)	
Q611	8-729-422-57	TRANSISTOR UN4111 (N350:E, AUS, MX, AR, PX/N350K)	
Q612	8-729-900-80	TRANSISTOR DTC114ES (N350:E, AUS, MX, AR, PX/N350K)	
Q616	8-729-119-76	TRANSISTOR 2SA1175-HFE	
		< RESISTOR >	
R500	1-249-435-11	CARBON 33K 5% 1/4W	
R501	1-249-441-11	CARBON 100K 5% 1/4W	
R502	1-247-895-00	CARBON 470K 5% 1/4W	
R504	1-249-435-11	CARBON 33K 5% 1/4W	
R505	1-249-441-11	CARBON 100K 5% 1/4W	
R506	1-247-895-00	CARBON 470K 5% 1/4W	
R508	1-249-435-11	CARBON 33K 5% 1/4W	
R509	1-249-441-11	CARBON 100K 5% 1/4W	
R510	1-247-895-00	CARBON 470K 5% 1/4W	
R512	1-249-435-11	CARBON 33K 5% 1/4W	
R513	1-249-441-11	CARBON 100K 5% 1/4W	
R514	1-247-895-00	CARBON 470K 5% 1/4W	
R516	1-249-437-11	CARBON 47K 5% 1/4W	
R517	1-249-437-11	CARBON 47K 5% 1/4W	
R518	1-249-437-11	CARBON 47K 5% 1/4W	
R519	1-249-437-11	CARBON 47K 5% 1/4W	
R553	1-249-408-11	CARBON 180 5% 1/4W	F
R554	1-249-421-11	CARBON 2.2K 5% 1/4W	F
R556	1-249-437-11	CARBON 47K 5% 1/4W (N350:E, AUS, MX, AR, PX/N350K)	
R609	1-249-429-11	CARBON 10K 5% 1/4W	
R610	1-249-429-11	CARBON 10K 5% 1/4W	
R611	1-249-419-11	CARBON 1.5K 5% 1/4W	F
R612	1-247-811-31	CARBON 150 5% 1/4W	

Ref. No.	Part No.	Description	Remark
R613	1-249-410-11	CARBON 270 5% 1/4W	F
R614	1-249-408-11	CARBON 180 5% 1/4W	F
R615	1-249-409-11	CARBON 220 5% 1/4W	F
R616	1-249-411-11	CARBON 330 5% 1/4W	
R617	1-249-413-11	CARBON 470 5% 1/4W	F
R618	1-249-414-11	CARBON 560 5% 1/4W	F
R619	1-249-416-11	CARBON 820 5% 1/4W	F
R620	1-249-418-11	CARBON 1.2K 5% 1/4W	F
R621	1-249-420-11	CARBON 1.8K 5% 1/4W	F
R622	1-249-423-11	CARBON 3.3K 5% 1/4W	F
R623	1-249-427-11	CARBON 6.8K 5% 1/4W	F
R624	1-249-419-11	CARBON 1.5K 5% 1/4W	F
R625	1-247-811-31	CARBON 150 5% 1/4W	
R626	1-249-410-11	CARBON 270 5% 1/4W	F
R627	1-249-408-11	CARBON 180 5% 1/4W	F
R628	1-249-409-11	CARBON 220 5% 1/4W	F
R629	1-249-411-11	CARBON 330 5% 1/4W	
R630	1-249-413-11	CARBON 470 5% 1/4W	F
R631	1-249-414-11	CARBON 560 5% 1/4W	F
R632	1-249-416-11	CARBON 820 5% 1/4W	F
R633	1-249-418-11	CARBON 1.2K 5% 1/4W	F
R634	1-249-420-11	CARBON 1.8K 5% 1/4W	F
R635	1-249-423-11	CARBON 3.3K 5% 1/4W	F
R636	1-249-427-11	CARBON 6.8K 5% 1/4W	F
R637	1-249-419-11	CARBON 1.5K 5% 1/4W	F
R650	1-249-419-11	CARBON 1.5K 5% 1/4W	F
R651	1-247-811-31	CARBON 150 5% 1/4W	
R652	1-249-410-11	CARBON 270 5% 1/4W	F
R653	1-249-408-11	CARBON 180 5% 1/4W	F
R654	1-249-409-11	CARBON 220 5% 1/4W	F
R655	1-249-411-11	CARBON 330 5% 1/4W	
R656	1-249-413-11	CARBON 470 5% 1/4W	F
R657	1-249-414-11	CARBON 560 5% 1/4W	F
R658	1-249-416-11	CARBON 820 5% 1/4W	F
R659	1-249-418-11	CARBON 1.2K 5% 1/4W	F
R660	1-249-420-11	CARBON 1.8K 5% 1/4W	F (N350K)
R661	1-249-423-11	CARBON 3.3K 5% 1/4W	F (N350K)
R662	1-249-427-11	CARBON 6.8K 5% 1/4W	F (N350K)
R663	1-247-903-00	CARBON 1M 5% 1/4W	
R664	1-247-807-31	CARBON 100 5% 1/4W	
R665	1-247-807-31	CARBON 100 5% 1/4W	
R666	1-249-413-11	CARBON 470 5% 1/4W	F
R667	1-247-807-31	CARBON 100 5% 1/4W	
R668	1-247-807-31	CARBON 100 5% 1/4W	
R669	1-247-807-31	CARBON 100 5% 1/4W	
R682	1-249-408-11	CARBON 180 5% 1/4W	F
R683	1-249-412-11	CARBON 390 5% 1/4W	F

Ref. No.	Part No.	Description				Remark
R684	1-249-410-11	CARBON	270	5%	1/4W	F
R685	1-249-410-11	CARBON	270	5%	1/4W	F
R686	1-249-410-11	CARBON	270	5%	1/4W	F
R687	1-249-429-11	CARBON	10K	5%	1/4W	
			(N350:E, AUS, MX, AR, PX/N350K)			
R688	1-249-410-11	CARBON	270	5%	1/4W	F
R689	1-249-410-11	CARBON	270	5%	1/4W	F
			(N350:E, AUS, MX, AR, PX/N350K)			
R690	1-249-410-11	CARBON	270	5%	1/4W	F
R691	1-249-410-11	CARBON	270	5%	1/4W	F
			(N350:E, AUS, MX, AR, PX/N350K)			
R692	1-249-413-11	CARBON	470	5%	1/4W	F
						(N350K)
R693	1-249-429-11	CARBON	10K	5%	1/4W	
R695	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R696	1-247-807-31	CARBON	100	5%	1/4W	
R697	1-247-807-31	CARBON	100	5%	1/4W	
R703	1-249-429-11	CARBON	10K	5%	1/4W	
R704	1-249-429-11	CARBON	10K	5%	1/4W	
R710	1-249-429-11	CARBON	10K	5%	1/4W	
R711	1-249-429-11	CARBON	10K	5%	1/4W	
R712	1-249-429-11	CARBON	10K	5%	1/4W	
			(D560/N350:CND, AEP, UK, G, IT)			
R713	1-249-429-11	CARBON	10K	5%	1/4W	
			(D560/N350:CND, AEP, UK, G, IT)			
R773	1-249-429-11	CARBON	10K	5%	1/4W	
R774	1-249-429-11	CARBON	10K	5%	1/4W	
R778	1-249-429-11	CARBON	10K	5%	1/4W	
R779	1-249-429-11	CARBON	10K	5%	1/4W	

< VARIABLE RESISTOR >

RV601	1-467-869-11	ENCODER, ROTARY (VOLUME)

< SWITCH >

S603	1-554-303-21	SWITCH, TACTILE (▲)
S604	1-554-303-21	SWITCH, TACTILE (▼)
S605	1-554-303-21	SWITCH, TACTILE (DBFB)
S606	1-554-303-21	SWITCH, TACTILE (SURROUND)
S607	1-554-303-21	SWITCH, TACTILE (FUNCTION)
S608	1-554-303-21	SWITCH, TACTILE (□□)
S609	1-554-303-21	SWITCH, TACTILE (■)
S610	1-554-303-21	SWITCH, TACTILE (▶▶)
S611	1-554-303-21	SWITCH, TACTILE (◀◀)
S612	1-554-303-21	SWITCH, TACTILE (◁)
S613	1-554-303-21	SWITCH, TACTILE (▷)
S614	1-554-303-21	SWITCH, TACTILE (HIGH SPEED DUBBING)
S615	1-554-303-21	SWITCH, TACTILE (CD SYNCRO)
S616	1-554-303-21	SWITCH, TACTILE (◀)
S617	1-554-303-21	SWITCH, TACTILE (▶)
S618	1-554-303-21	SWITCH, TACTILE (TUNER/BAND)
S619	1-554-303-21	SWITCH, TACTILE (TUNING -)
S620	1-554-303-21	SWITCH, TACTILE (TUNING +)
S621	1-554-303-21	SWITCH, TACTILE (TUNING MODE)
S622	1-554-303-21	SWITCH, TACTILE (TUNING MEMORY)
S623	1-554-303-21	SWITCH, TACTILE (DISPLAY)
S624	1-554-303-21	SWITCH, TACTILE (ENTER/NEXT)
S625	1-554-303-21	SWITCH, TACTILE (CLOCK SET)
S626	1-554-303-21	SWITCH, TACTILE (REC)
S627	1-554-303-21	SWITCH, TACTILE (DAILY)
S628	1-554-303-21	SWITCH, TACTILE (TIMERSET)
S642	1-554-303-21	SWITCH, TACTILE (SYSTEM POWER)
S643	1-554-303-21	SWITCH, TACTILE (SLEEP)
S644	1-554-303-21	SWITCH, TACTILE (ROCK/1)
S645	1-554-303-21	SWITCH, TACTILE (POPS/2)
S646	1-554-303-21	SWITCH, TACTILE (JAZZ/3)
S647	1-554-303-21	SWITCH, TACTILE (CLASSIC/4)
S648	1-554-303-21	SWITCH, TACTILE (DANCE/5)
S649	1-554-303-21	SWITCH, TACTILE (EQ MEMORY)
S650	1-554-303-21	SWITCH, TACTILE (P.FILE)
S651	1-554-303-21	SWITCH, TACTILE (● REC)
S652	1-554-303-21	SWITCH, TACTILE (# UP) (N350K)
S653	1-554-303-21	SWITCH, TACTILE (♭ DOWN) (N350K)
S654	1-554-303-21	SWITCH, TACTILE (KARAOKE PON/MPX) (N350K)

< VIBRATOR >

X601	1-567-819-11	VIBRATOR, CERAMIC (4MHz)

****

*	1-654-654-11	POWER BOARD (N350:AEP, UK, G, IT)
		**********
*	1-654-651-11	POWER BOARD
		**********
		(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
	1-533-217-31	HOLDER, FUSE

< FUSE >

⚠F1901	1-532-299-00	FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N350K)
⚠F1901	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)
⚠F1902	1-532-299-00	FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N350K)
⚠F1902	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)

< RESISTOR >

⚠R1901	1-217-637-00	FUSIBLE	1	5%	1/4W	F
						(N350:AEP, UK, G, IT)
⚠R1901	1-219-122-91	FUSIBLE	0.33	5%	1/4W	F
			(N350:E, AUS, MX, AR, PX/N350K)			
⚠R1901	1-219-139-11	FUSIBLE	0.68	5%	1/4W	F
						(D560/N350:CND)

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

POWER | POWER AMP

Ref. No.	Part No.	Description				Remark
⚠R1902	1-219-119-81	FUSIBLE	0.1	5%	1/4W	(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
⚠R1902	1-219-136-11	FUSIBLE	0.22	5%	1/4W F	(N350:AEP, UK, G, IT)
⚠R1903	1-219-119-81	FUSIBLE	0.1	5%	1/4W F	(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
⚠R1903	1-219-136-11	FUSIBLE	0.22	5%	1/4W F	(N350:AEP, UK, G, IT)
**********						
*	A-4377-077-A	POWER AMP BOARD, COMPLETE				(N350:AEP, UK, G, IT)
*	A-4377-077-A	POWER AMP BOARD, COMPLETE				(D560/N350:CND)
*	A-4377-077-A	POWER AMP BOARD, COMPLETE				(N350:E, AUS, MX, AR, PX/N350K)
		< CAPACITOR >				
C1201	1-124-927-11	ELECT	4.7uF	20%	100V	
C1202	1-162-284-31	CERAMIC	150PF	10%	50V	
C1203	1-162-286-31	CERAMIC	220PF	10%	50V	
C1204	1-124-126-00	ELECT	47uF	20%	10V	
C1205	1-124-910-11	ELECT	47uF	20%	50V	
C1206	1-124-122-11	ELECT	100uF	20%	50V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1206	1-124-929-11	ELECT	22uF	20%	100V	(D560/N350:CND)
C1208	1-124-916-11	ELECT	22uF	20%	50V	
C1210	1-137-375-11	FILM	0.068uF	5%	50V	
C1211	1-137-375-11	FILM	0.068uF	5%	50V	
C1220	1-126-925-11	ELECT	470uF	20%	10V	
C1245	1-164-159-11	CERAMIC	0.1uF		50V	(D560/N350:CND)
C1251	1-124-927-11	ELECT	4.7uF	20%	50V	
C1252	1-162-284-31	CERAMIC	150PF	10%	50V	
C1253	1-162-286-31	CERAMIC	220PF	10%	50V	
C1254	1-124-126-00	ELECT	47uF	20%	10V	
C1255	1-124-910-11	ELECT	47uF	20%	50V	
C1256	1-124-122-11	ELECT	100uF	20%	50V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1256	1-124-929-11	ELECT	22uF	20%	100V	(D560/N350:CND)
C1260	1-137-375-11	FILM	0.068uF	5%	50V	
C1261	1-137-375-11	FILM	0.068uF	5%	50V	
C1295	1-164-159-11	CERAMIC	0.1uF		50V	(D560/N350:CND)

Ref. No.	Part No.	Description				Remark
		< CONNECTOR >				
* CN1203	1-564-518-11	PLUG, CONNECTOR 3P				
CN1204	1-564-511-11	PLUG, CONNECTOR 8P				
		< DIODE >				
D1201	8-719-815-85	DIODE	1S1585			(D560/N350:CND)
D1201	8-719-987-63	DIODE	1N4148M			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
D1202	8-719-987-63	DIODE	1N4148M			
D1251	8-719-815-85	DIODE	1S1585			(D560/N350:CND)
D1251	8-719-987-63	DIODE	1N4148M			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
		< IC >				
IC1201	8-749-900-34	IC	STK-4182MK2			(N350:E, AUS, MX, AR, PX/N350K)
IC1201	8-749-900-96	IC	STK-4142MK2			(N350:AEP, UK, G, IT)
IC1201	8-749-921-68	IC	STK-4231MK2			(D560/N350:CND)
		< TRANSISTOR >				
Q1201	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA			
Q1251	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA			
		< RESISTOR >				
R1201	1-249-417-11	CARBON	1K	5%	1/4W F	
R1202	1-249-438-11	CARBON	56K	5%	1/4W	
R1203	1-249-414-11	CARBON	560	5%	1/4W F	
R1204	1-249-438-11	CARBON	56K	5%	1/4W	
R1205	1-249-425-11	CARBON	4.7K	5%	1/4W F	(N350:AEP, UK, G, IT)
R1205	1-249-427-11	CARBON	6.8K	5%	1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1205	1-249-429-11	CARBON	10K	5%	1/4W	(D560/N350:CND)
R1206	1-249-425-11	CARBON	4.7K	5%	1/4W F	(N350:AEP, UK, G, IT)
R1206	1-249-427-11	CARBON	6.8K	5%	1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1206	1-249-429-11	CARBON	10K	5%	1/4W	(D560/N350:CND)
R1207	1-249-425-11	CARBON	4.7K	5%	1/4W F	(N350:AEP, UK, G, IT)
R1207	1-249-427-11	CARBON	6.8K	5%	1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1207	1-249-429-11	CARBON	10K	5%	1/4W	(D560/N350:CND)
R1208	1-249-425-11	CARBON	4.7K	5%	1/4W F	(N350:AEP, UK, G, IT)
R1208	1-249-427-11	CARBON	6.8K	5%	1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1208	1-249-429-11	CARBON	10K	5%	1/4W	(D560/N350:CND)

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Ref. No.	Part No.	Description	Remark
⚠R1209	1-212-881-11	FUSIBLE 100 5% 1/4W F	
⚠R1210	1-208-601-11	WIREWOUND 0.1 10% 2W F	(D560/N350:CND)
⚠R1210	1-208-602-11	WIREWOUND 0.22 10% 2W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1211	1-249-417-11	CARBON 1K 5% 1/4W F	
R1212	1-249-433-11	CARBON 22K 5% 1/4W	(D560/N350:CND)
R1212	1-249-431-11	CARBON 15K 5% 1/4W	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1213	1-249-441-11	CARBON 100K 5% 1/4W	
R1214	1-249-421-11	CARBON 2.2K 5% 1/4W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1214	1-249-424-11	CARBON 3.9K 5% 1/4W F	(D560/N350:CND)
R1215	1-249-421-11	CARBON 2.2K 5% 1/4W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1215	1-249-424-11	CARBON 3.9K 5% 1/4W F	(D560/N350:CND)
R1216	1-249-421-11	CARBON 2.2K 5% 1/4W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1216	1-249-424-11	CARBON 3.9K 5% 1/4W F	(D560/N350:CND)
R1217	1-249-421-11	CARBON 2.2K 5% 1/4W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1217	1-249-424-11	CARBON 3.9K 5% 1/4W F	(D560/N350:CND)
R1218	1-249-397-11	CARBON 22 5% 1/4W F	
R1219	1-249-397-11	CARBON 22 5% 1/4W F	
R1228	1-247-881-00	CARBON 120K 5% 1/4W	(N350:AEP, UK, G, IT)
R1228	1-247-883-00	CARBON 150K 5% 1/4W	(N350:E, AUS, MX, AR, PX/N350K)
R1228	1-247-885-00	CARBON 180K 5% 1/4W	(D560/N350:CND)
R1230	1-249-429-11	CARBON 10K 5% 1/4W	
R1242	1-249-429-11	CARBON 10K 5% 1/4W	
R1243	1-249-383-11	CARBON 1.5 5% 1/6W F	
R1251	1-249-417-11	CARBON 1K 5% 1/4W F	
R1252	1-249-438-11	CARBON 56K 5% 1/4W	
R1253	1-249-414-11	CARBON 560 5% 1/4W F	
R1254	1-249-438-11	CARBON 56K 5% 1/4W	
R1255	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1255	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1255	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
R1256	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1256	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1256	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
R1257	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1257	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1257	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
R1258	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1258	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1258	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
⚠R1259	1-212-881-11	FUSIBLE 100 5% 1/4W F	
⚠R1260	1-208-601-11	WIREWOUND 0.1 10% 2W F	(D560/N350:CND)
⚠R1260	1-208-602-11	WIREWOUND 0.22 10% 2W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1261	1-249-417-11	CARBON 1K 5% 1/4W F	
R1262	1-249-431-11	CARBON 15K 5% 1/4W	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1262	1-249-433-11	CARBON 22K 5% 1/4W	(D560/N350:CND)
R1263	1-249-441-11	CARBON 100K 5% 1/4W	
R1268	1-249-397-11	CARBON 22 5% 1/4W F	
R1269	1-249-397-11	CARBON 22 5% 1/4W F	
**********			
*	1-654-694-11	POWER PRIMARY BOARD (N350:AEP, UK, G, IT)	
		**********	
*	1-654-695-11	POWER PRIMARY BOARD	
		**********	
		(D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
	1-533-217-31	HOLDER, FUSE	
*	1-560-595-00	TERMINAL (WITH BASE)	(N350:E, AR, PX/N350K:E3, EA, SP)
		< CONNECTOR >	
* CN1951	1-580-230-31	PIN, CONNECTOR (PC BOARD) 2P	
		< FUSE >	
⚠F1903	1-576-107-11	FUSE (3.15A 125V)	(D560/N350:CND)
		< RESISTOR >	
R1900	1-202-725-00	SOLID 3.3M 10% 1/2W	(D560/N350:CND)
**********			

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

REGULATOR | TABLE MOTOR | TC PANEL

Ref. No.	Part No.	Description	Remark
*	1-654-653-11	REGULATOR BOARD	
		**********	
		(D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
*	1-654-656-11	REGULATOR BOARD (N350:AEP, UK, G, IT)	
		**********	
		< CAPACITOR >	
C1351	1-124-443-00	ELECT 100uF 20% 10V	
C1352	1-124-907-11	ELECT 10uF 20% 50V	
C1356	1-124-907-11	ELECT 10uF 20% 50V	
C1357	1-124-443-00	ELECT 100uF 20% 10V	
		< IC >	
IC1351	8-759-334-30	IC LA5618	
**********			
	1-638-729-11	TABLE MOTOR BOARD	
		**********	
		< CAPACITOR >	
C704	1-162-302-11	CERAMIC 0.0022uF 30% 16V	
		< CONNECTOR >	
* CN707	1-573-044-11	SOCKET, CONNECTOR 5P	
		< DIODE >	
D701	8-719-970-19	DIODE GP-1A521	
		< MOTOR >	
M701	A-4353-976-A	MOTOR ASSY (TABLE)	
		< RESISTOR >	
R701	1-249-416-11	CARBON 820 5% 1/4W F	
**********			
*	1-654-659-11	TC PANEL BOARD	
		**********	
		< CONNECTOR >	
* CN611	1-568-948-11	PIN, CONNECTOR 10P	
* CN612	1-568-944-11	PIN, CONNECTOR 6P	
		< DIODE >	
D611	8-719-046-46	DIODE SEL5221S-TH8F (DECK B)	
D612	8-719-046-46	DIODE SEL5221S-TH8F (DECK A)	
D613	8-719-046-43	DIODE SEL5421E-TP15 (TAPE)	
		(D560/N350:CND, AEP, UK, G, IT)	

Ref. No.	Part No.	Description	Remark
D613	8-719-052-22	DIODE SEL58420C-TP (TAPE)	
		(N350:E, AUS, MX, AR, PX/N350K)	
D614	8-719-046-43	DIODE SEL5421E-TP15 (TAPE)	
		(D560/N350:CND, AEP, UK, G, IT)	
D614	8-719-052-22	DIODE SEL58420C-TP (TAPE)	
		(N350:E, AUS, MX, AR, PX/N350K)	
		< TRANSISTOR >	
Q603	8-729-900-63	TRANSISTOR DTA124ES	
Q604	8-729-119-78	TRANSISTOR 2SC2785-HFE	
		(N350:E, AUS, MX, AR, PX/N350K)	
Q615	8-729-119-76	TRANSISTOR 2SA1175-HFE	
		< RESISTOR >	
R638	1-247-811-31	CARBON 150 5% 1/4W	
R639	1-249-410-11	CARBON 270 5% 1/4W F	
R640	1-249-408-11	CARBON 180 5% 1/4W F	
R641	1-249-409-11	CARBON 220 5% 1/4W F	
R670	1-249-409-11	CARBON 220 5% 1/4W F	
R671	1-249-409-11	CARBON 220 5% 1/4W F	
R672	1-249-429-11	CARBON 10K 5% 1/4W	
		(N350:E, AUS, MX, AR, PX/N350K)	
R673	1-249-410-11	CARBON 270 5% 1/4W F	
R674	1-249-410-11	CARBON 270 5% 1/4W F	
		(N350:E, AUS, MX, AR, PX/N350K)	
R675	1-249-410-11	CARBON 270 5% 1/4W F	
R676	1-249-410-11	CARBON 270 5% 1/4W F	
		(N350:E, AUS, MX, AR, PX/N350K)	
		< SWITCH >	
S629	1-554-303-21	SWITCH, TACTILE (TAPE)	
S630	1-554-303-21	SWITCH, TACTILE (DECK SELECT)	
S631	1-554-303-21	SWITCH, TACTILE (TAPE REWIND ◀◀)	
S632	1-554-303-21	SWITCH, TACTILE (DOLBY NR)	
		(D560/N350:CND, AEP, UK, G, IT)	
S633	1-554-303-21	SWITCH, TACTILE (DIRECTION MODE)	
**********			
		MISCELLANEOUS	
		**********	
8	1-690-113-11	WIRE, FLAT TYPE (15 CORE) (N350K)	
9	1-590-459-11	WIRE, FLAT TYPE (11 CORE)	
10	1-769-665-11	WIRE (FLAT TYPE) (21 CORE)	
83	1-590-458-31	WIRE, FLAT TYPE (15 CORE)	
104	1-533-217-31	HOLDER, FUSE	
⚠111	1-569-007-11	ADAPTER, CONVERSION 2P	
		(N350:E3, PX/N350K:E)	
⚠112	1-569-008-11	ADAPTER, CONVERSION 2P (N350K:EA, MY, SP)	
⚠CNP19011	1-558-943-41	CORD, POWER (N350:E, MX, PX/N350K:E)	
⚠CNP19011	1-575-042-21	CORD, POWER (D560/N350:CND)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
⚠CNP19011	-575-651-21	CORD, POWER (N350:AEP, AR, G, IT/N350K:EA, MY, SP)	
⚠CNP19011	-696-845-11	CORD, POWER (N350:AUS)	
⚠CNP19011	-751-529-11	CORD, POWER (N350:UK)	
⚠F1901	1-532-299-00	FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N350K)	
⚠F1901	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)	
⚠F1902	1-532-299-00	FUSE (T5A 250V) (N350:E, AUS, MX, AR, PX/N350K)	
⚠F1902	1-532-350-00	FUSE (T4A 250V) (N350:AEP, UK, G, IT)	
⚠F1903	1-576-108-11	FUSE (4A 125V) (D560/N350:CND)	
FL601	1-517-341-11	INDICATOR TUBE, FLUORESCENT	
HP901	1-500-093-11	HEAD, MAGNETIC (PLAYBACK)	
HRPE9011	-500-094-11	HEAD, MAGNETIC (REC/PB/ERASE)	
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)	
M102	X-4917-504-1	MOTOR ASSY (SLED)	
M701	A-4353-976-A	MOTOR ASSY, ROTARY (TABLE)	
M702	A-4353-974-A	MOTOR ASSY, LOADING	
S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR) (DOWN)	
⚠S1911	1-570-046-21	SWITCH, VOLTAGE CHANGE (N350:E, AR, PX/N350K:E3, EA, SP)	
⚠T901	1-427-707-21	TRANSFORMER, POWER (N350:AEP, UK, G, IT)	
⚠T901	1-427-709-11	TRANSFORMER, POWER (N350:E, AUS, MX, AR, PX/N350K)	
⚠T901	1-427-710-11	TRANSFORMER, POWER (N350:CND)	
⚠T901	1-427-711-11	TRANSFORMER, POWER (D560)	

****

ACCESSORIES & PACKING MATERIALS

****

	1-467-969-11	COMMANDER, STANDARD (RM-S300L) (D560/N350:CND, UK, E, AUS, MX, AR, PX/N350K)	
	1-501-374-11	ANTENNA, LOOP (N350:AEP, G, IT/N350:G, IT)	
	1-501-594-31	ANTENNA (FM) (N350:AEP, G, IT)	
	3-798-246-41	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (N350:AEP, G)	
	3-798-246-51	MANUAL, INSTRUCTION (GERMAN, ITALIAN, DUTCH, SWEDISH) (N350:AEP, G, IT)	
	4-937-945-01	PLATE (TRANSPORT), LOCK (D560/N350:AEP, G, IT, CND, UK, E, AUS, MX, AR, PX/N350K)	
	4-941-762-01	COVER (MLY), BATTERY (for RM-S300L)	
*	4-971-344-01	INDIVIDUAL CARTON (N350:AEP)	
*	4-971-633-01	CUSHION (D560/N350:AEP, G, IT, UK, E2, MX, AR, PX/N350K)	
*	4-973-315-01	CUSHION (N350:CND, E3, AU/N350K:E)	

****

Ref. No.	Part No.	Description	Remark

****

HARDWARE LIST

****

#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#2	7-685-871-01	SCREW +BVTT 3X6 (S)	
#3	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	
#4	7-621-849-00	SCREW, TAPPING	
#5	7-682-560-04	SCREW +BVTT 4X6 (S)	
#6	7-621-770-67	SCREW +BVTT 2.6X6 (S)	
#7	7-685-533-19	SCREW +BTP 2.6X6 TYPE2 N-S	
#8	7-621-775-10	SCREW +B 2.6X4	
#9	7-621-775-00	SCREW +B 2.6X3	
#10	7-623-921-01	RING, RETAINING, CAPSTAN	
#11	7-682-554-04	SCREW +B 3X25	
#12	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
#13	7-682-961-01	SCREW +PSW 4X8	
#14	7-685-136-19	SCREW +P 2.6X12 TYPE2 NON-SLIT	
#15	7-621-255-15	SCREW +P 2X3	
#16	7-685-650-79	SCREW +BVTP 3X16 TYPE2 N-S	
#17	7-685-131-19	SCREW +BTP 2.6X4 TYPE2 N-S	

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9-959-980-11

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Home A&V Products Div.

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Quality Engineering Dept.

HCD-D560/N350/N350K

SONY

SERVICE MANUAL

US Model
HCD-D560
Canadian Model
AEP Model
UK Model
Australian Model
PX Model
HCD-N350
E Model
HCD-N350/N350K

SUPPLEMENT-1

File this supplement with the service manual.

Subject : 1. CORRECTION
2. S CURVE CHECK SPECIFICATION CHANGED
3. PARTS CHANGED
4. MECHANISM DECK CHANGED
5. BOARD CHANGED
6. MAIN & POWER AMP BOARD CHANGED

(SPM-96037)

1. CORRECTION

• Correct your service manual as shown below.

☛ : indicates corrected portion.

<table>
<tr><th>Page</th><th>INCORRECT</th><th>CORRECT</th></tr>
<tr><td>12</td><td>

Torque Mesurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	36 to 61 g • cm
FWD back tension	CQ-102C	2 to 6 g • cm
REV	CQ-102RC	36 to 61 g • cm
REV back tension	CQ-102RC	2 to 6 g • cm
FF/REW	CQ-201B	61 to 143 g • cm
FWD tension	CQ-403A	1kg • cm or more
REV tension	CQ-403R	1kg • cm or more

</td><td>

Torque Measurement ☛

Torque	Torque meter	Meter reading
FWD	CQ-102C	36 to 61 g • cm (0.5 - 0.84 oz • inch)
FWD back tension	CQ-102C	2 to 6 g • cm (0.02 - 0.08 oz • inch)
REV	CQ-102RC	36 to 61 g • cm (0.5 - 0.84 oz • inch)
REV back tension	CQ-102RC	2 to 6 g • cm (0.02 - 0.08 oz • inch)
FF/REW	CQ-201B	61 to 143 g • cm (0.85 - 1.99 oz • inch)
FWD tension	CQ-403A	☛ 100 g or more (3.53 oz or more)
REV tension	CQ-403R	☛ 100 g or more (3.53 oz or more)

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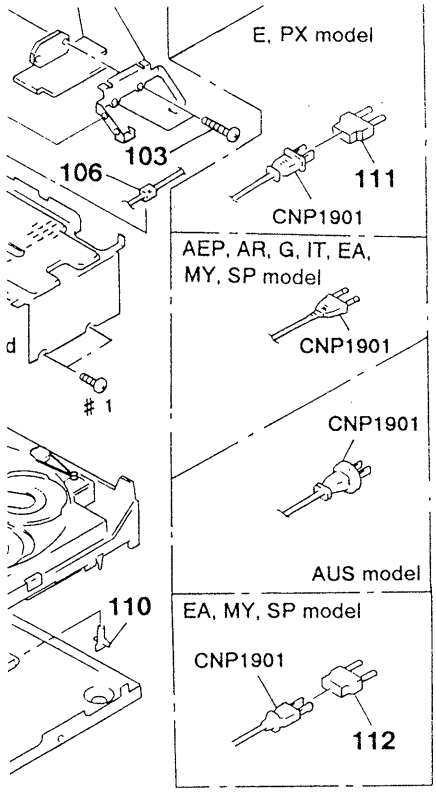
<tr><td>73</td><td>

Ref No. Part No. Description Remark

*** EXPLODED VIEWS ***



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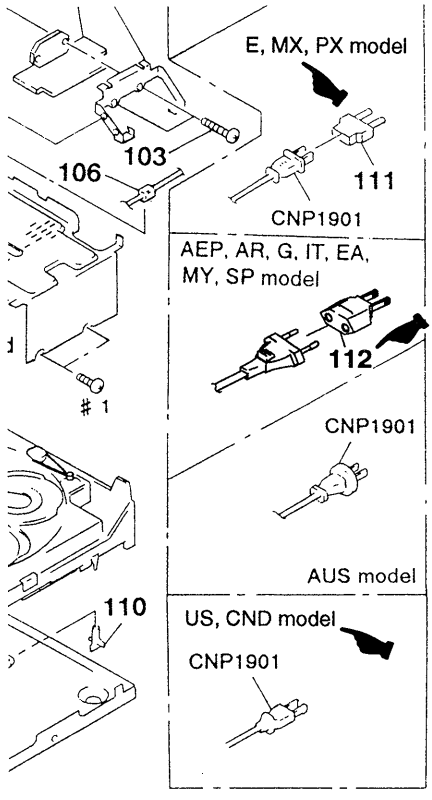
Ref No. Part No. Description Remark

*** EXPLODED VIEWS ***



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• Abbreviation

CND	: Canadian model	SP	: Singapore model
G	: German model	MY	: Malaysia model
IT	: Italian model	AUS	: Australian model
EA	: Saudi Arabia model	AR	: Argentine model

Page	INCORRECT	CORRECT
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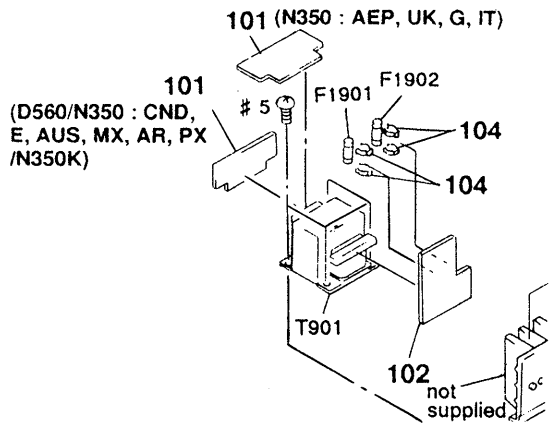
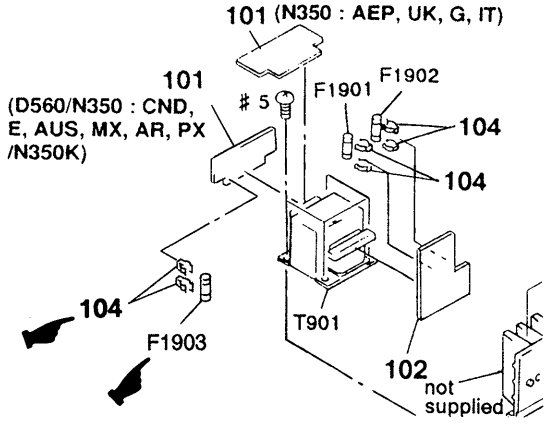
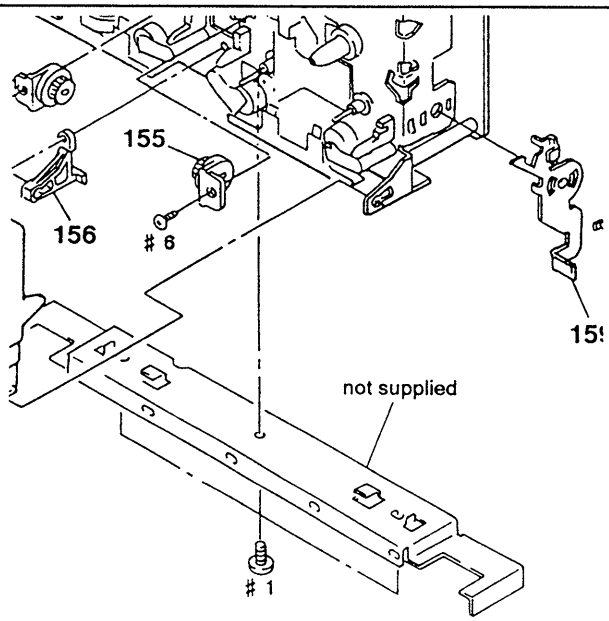
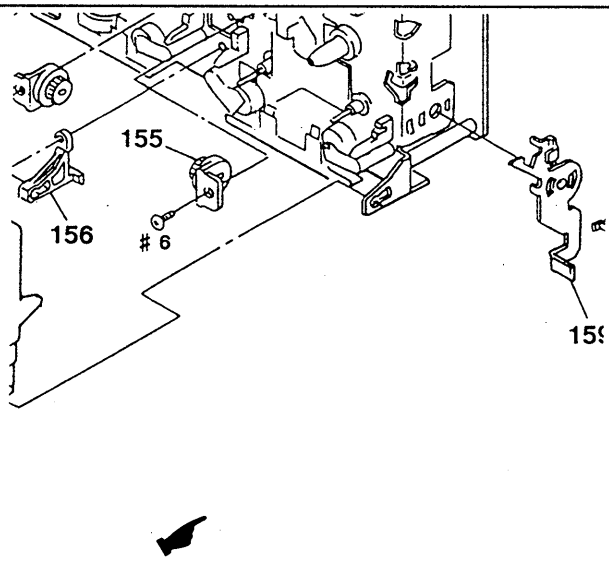
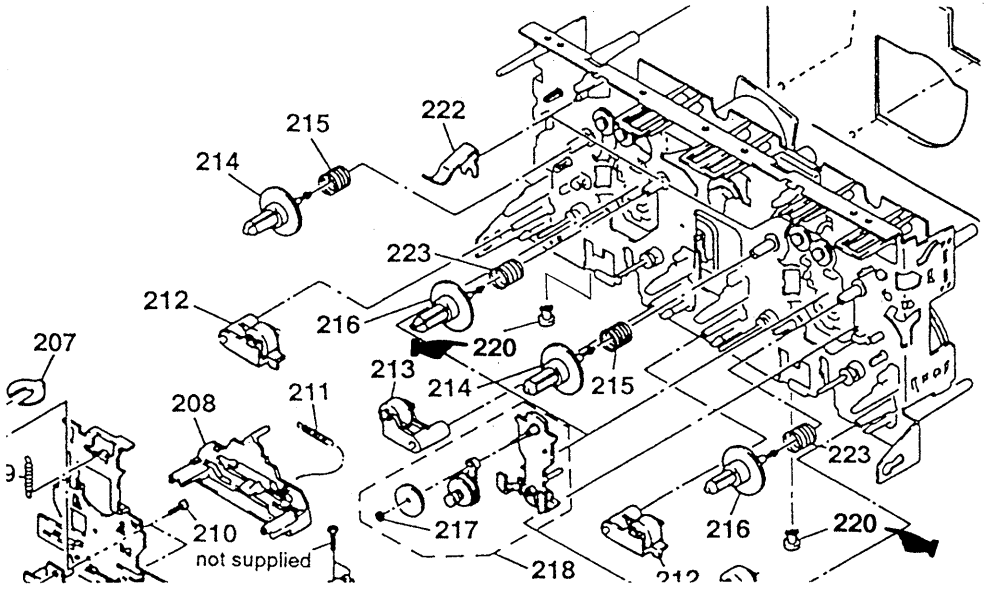
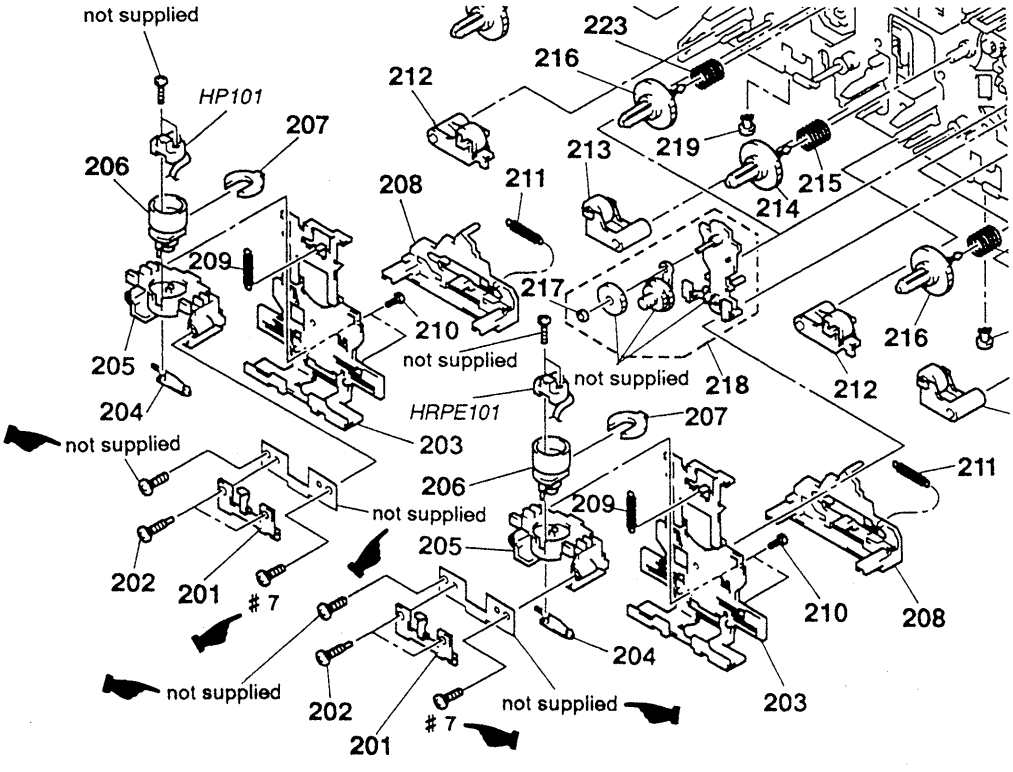
		
74		

- Abbreviation
  - CND : Canadian model
  - G : German model
  - IT : Italian model
  - MX : Mexican model
  - AUS : Australian model
  - AR : Argentine model

Page	INCORRECT				CORRECT			
75	Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
	219	3-911-116-21	RIVET, PUSH		219	3-911-116-11	RIVET, PUSH	
					220	3-911-116-21	RIVET, PUSH	





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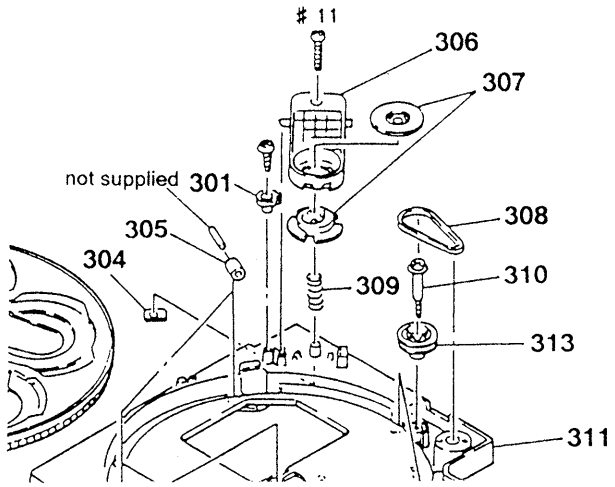
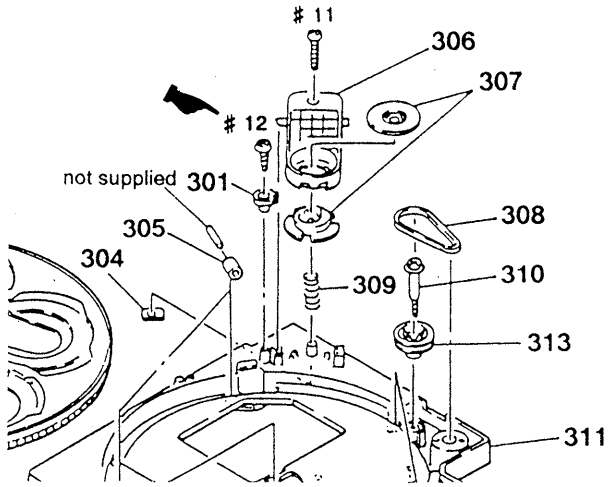
77	Ref No. Part No. Description Remark  	Ref No. Part No. Description Remark 
84	*** ELECTRICAL PARTS LIST *** *** KEY CON BOARD (N350K) *** ——————— ——————— ——————— X1101 1-567-927-11 VIBLATOR, CERAMIC	*** ELECTRICAL PARTS LIST *** *** KEY CON BOARD (N350K) *** C1445 1-136-165-00 FILM 0.1uF 5% 50V C1446 1-136-165-00 FILM 0.1uF 5% 50V C1447 1-136-165-00 FILM 0.1uF 5% 50V X1101 1-567-927-11 VIBLATOR, CERAMIC (16MHz)
89	*** MAIN BOARD *** IC1051 8-759-333-93 IC TMP87CP64F-6254	*** MAIN BOARD *** IC1051 8-759-354-84 IC TMP87CP64F-6298
94	*** MIC BOARD (N350K) *** ———————	*** MIC BOARD (N350K) *** * CN1601 1-568-954-11 PIN, CONNECTOR 5P
99	*** POWER PRIMARY BOARD *** ⚠F1903 1-576-107-11 FUSE (3.15A 125V)(D560/N350: CND) R1900 1-202-725-00 SOLID 3.3M 10% 1/2W (D560/N350: CND)	*** POWER PRIMARY BOARD *** ⚠F1903 1-576-108-11 FUSE (4A 125V)(D560/N350: CND) ⚠R1900 1-202-725-00 SOLID 3.3M 10% 1/2W (D560/N350: CND)
100	*** ACCESSORIES & PACKING MATERIALS *** 1-501-374-11 ANTENNA, LOOP (N350: AEP,G,IT/N350: G,IT)	*** ACCESSORIES & PACKING MATERIALS *** 1-501-374-11 ANTENNA, LOOP (N350: AEP,G,IT)

- Abbreviation
  CND : Canadian model
  G : German model
  IT : Italian model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

ELECTRICAL ADJUSTMENT CORRECTION

• Correct your service manual as shown below.

: indicates corrected portion

DECK SECTION

— Page 12 —

1. Demagnetize the record/playback head with a head damagnetizer.
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-CH.
7. Switches and controls should be set as follows unless otherwise specified.

DOLBY NR switch : OFF (Except E model)

Tape	Signal	Used for
P-4-A100	10 kHz, –10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

Tape Speed Adjustment (Deck A)

— Page 13 —

Note: Start the Tape Speed adjustment as below after setting the test mode.
The tape speed can be changed with the [HIGH SPEED DUBBING] button during the test mode.

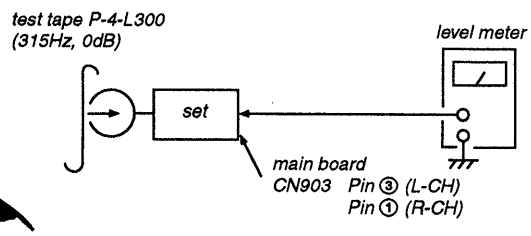
Method :

1. Turn the power switch on.
2. Press the [DISPLAY] button, [FUNCTION] button and [POPS/2] button simultaneously.

Playback Level Adjustment (Deck A, Deck B)

Procedure:

Mode: Playback



Deck A is RV311 (L-CH) and RV411 (R-CH), deck B is RV301 (L-CH) and RV401 (R-CH)
so that adjustment within the following adjustment level.

Adjustment level:

CN903 playback level: 301.5 to 338.3 mV (–8.2 to –7.2 dB)
level difference between the channels: within ± 0.5 dB

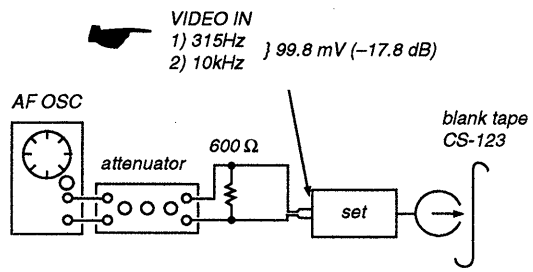
Adjustment Location: MD board

Record Bias Adjustment (Deck B)

— Page 14 —

Procedure:

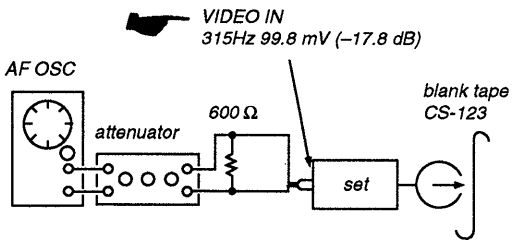
1. Press [FUNCTION] button to select VIDEO.
2. Mode: record



Record Level Adjustment (Deck B)

Procedure:

1. Press [FUNCTION] button to select VIDEO.
2. Mode: record



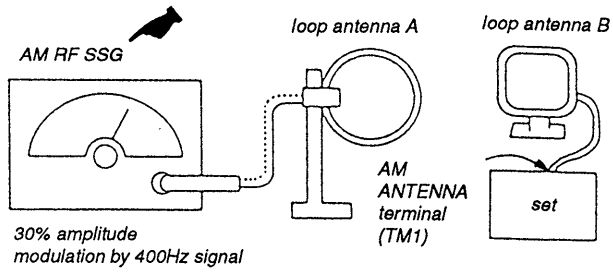
Note: As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

AM Tunerd Level Adjustment

Note: FM Tuned Level adjustment should be performed after this AM Tuned Level Adjustment.

Band : AM

Setting :



Procedure :

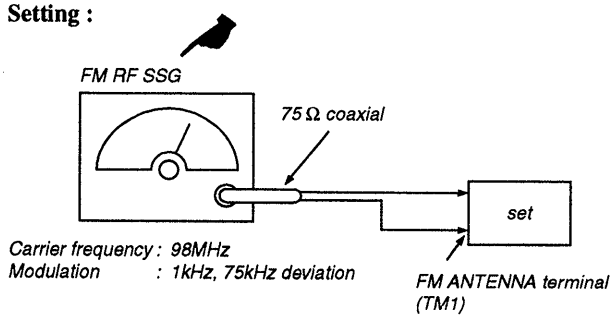
1. Set loop antenna A so that the loop antenna B input level becomes 316 μV (50 dBμ/m).
2. Tune the set to 1050kHz.
3. Adjust RV1 so that the TUNED indicator goes on.

Adjustment Location : main board

FM Tuned Level Adjustment

Band : FM

Setting :



Procedure :

1. Supply a 17.8 μV (25dBμ) 98 MHz signal from the ANTENNA terminal.
2. Tune the set to 98 MHz.
3. Adjust RV2 so that the TUNED indicator goes on.

Adjustment Location : main board

- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by trimmer capacitors.

SW OSC Voltage Adjustment

(Saudi Arabia Model Only)
BAND SELECT : SW

Procedure :

1. Connect the VOM to JW11.
2. Tune the set to 5.95MHz.
3. Adjust T2 for 0.9 to 1.1V reading on the VOM.
4. Tune the set to 17.90MHz.
5. Adjust CT2 for 8.3 to 8.7V reading on the VOM.

SW Tracking Adjustment

(Saudi Arabia Model Only)
BAND SELECT : SW

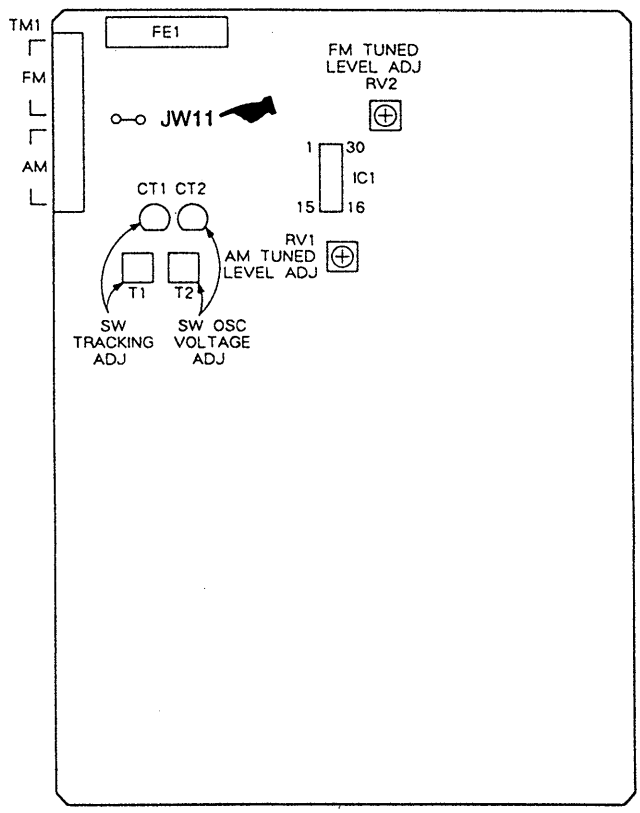
Procedure :

1. Connect the VOM to speaker terminal.
2. Adjust for a maximum reading on VOM.

Signal generator and Set frequency	Adjustment part
7.0MHz	T1
17.0MHz	CT1

Adjustment Location : main board

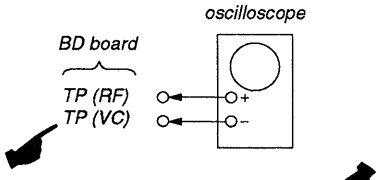
[MAIN BOARD] (Component Side)



CD SECTION

— Page 16 —

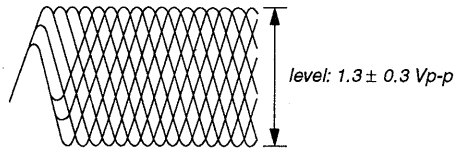
Focus Bias Adjustment



Procedure:

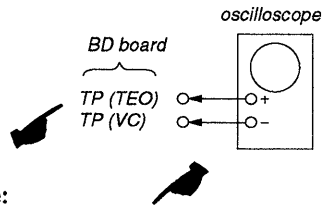
1. Connect oscilloscope to test point TP (RF).
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Adjust RV101 so that the waveform is clear.
   (Clear RF signal waveform means that the shape "◊" can be clearly distinguished at the center of the waveform.)
5. After adjustment, check the RF signal level.

• RF signal
VOLT/DIV : 200 mV
TIME/DIV : 500 nS



E-F Balance Check

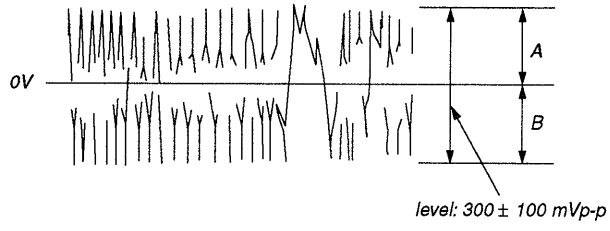
— Page 17 —



Procedure:

1. Connect pin ⑯ of IC1501 on Main board to ground with a lead wire.
2. Connect oscilloscpe to test point TP (TEO).
3. Turned Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the oscilloscope waveform is symmetrical on the top and bottom in relation to 0Vdc, and check this level.

Traverse waveform



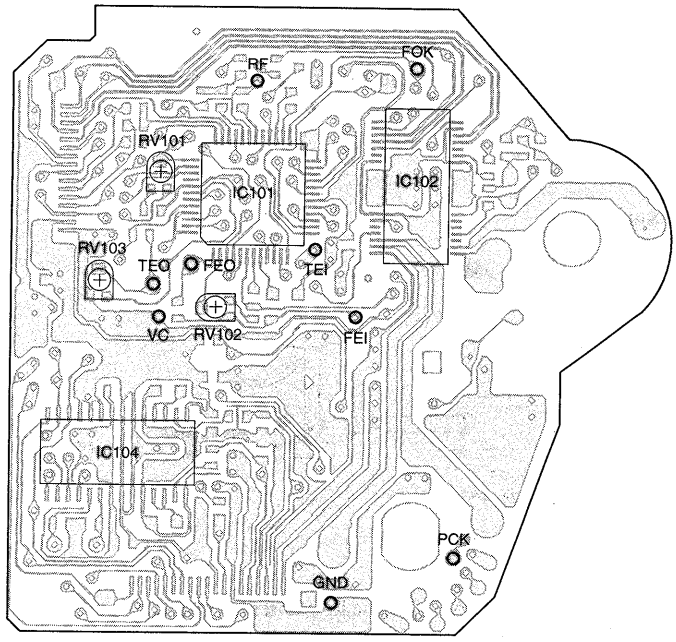
Specified level: • $\frac{A-B}{2(A+B)} \times 100$ = less than ± 7%

• A + B = 300 ± 100 mVp-p

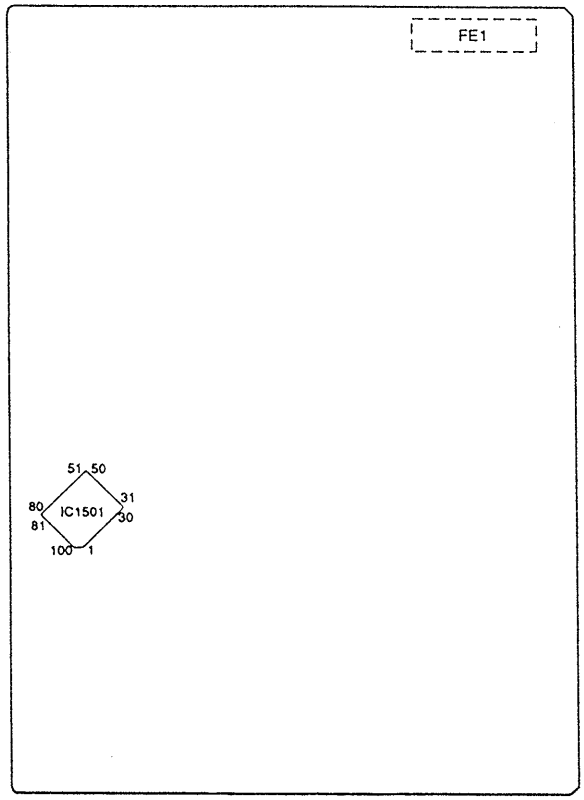
6. Remove the lead wire connected in step 1.

Adjustment Location :

[BD BOARD] — Component Side —



[MAIN BOARD] — Conductor Side —



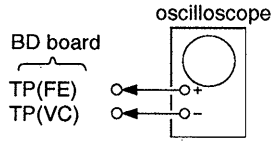
2. S CURVE CHECK SPECIFICATION CHANGED

The value of mounted parts of the BD board has changed due to improvements.
Following this change, the S Curve check values have also changed as follows.

☛ : indicates changed portion

Ref No.	FORMER					NEW				
	Part No.	Description			Remark	Part No.	Description			Remark
	*** BD BOARD, COMPLETE ***					*** BD BOARD, COMPLETE ***				
C116	1-163-143-00	CERAMIC CHIP	0.0012μF	5%	50V	1-163-016-00	CERAMIC CHIP	0.0039μF	10%	50V
C118	1-163-038-91	CERAMIC CHIP	0.1μF		25V	1-107-823-11	CERAMIC CHIP	0.47μF	10%	16V
R105	1-216-089-00	METAL CHIP	47K	5%	1/10W	1-216-093-00	METAL CHIP	68K	5%	1/10W
R106	1-216-089-00	METAL CHIP	47K	5%	1/10W	1-216-093-00	METAL CHIP	68K	5%	1/10W
R107	1-216-089-00	METAL CHIP	47K	5%	1/10W	1-216-093-00	METAL CHIP	68K	5%	1/10W
R108	1-216-089-00	METAL CHIP	47K	5%	1/10W	1-216-093-00	METAL CHIP	68K	5%	1/10W
R112	1-216-077-00	METAL CHIP	15K	5%	1/10W	1-216-083-00	METAL CHIP	27K	5%	1/10W
R113	1-216-077-00	METAL CHIP	15K	5%	1/10W	1-216-083-00	METAL CHIP	27K	5%	1/10W
R117	1-216-093-00	METAL CHIP	68K	5%	1/10W	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R119	1-216-121-00	METAL CHIP	1M	5%	1/10W	1-216-089-91	METAL CHIP	47K	5%	1/10W
R153	1-216-089-00	METAL CHIP	47K	5%	1/10W	1-216-082-00	METAL CHIP	24K	5%	1/10W
R156	1-216-081-00	METAL CHIP	22K	5%	1/10W	1-216-085-00	METAL CHIP	33K	5%	1/10W

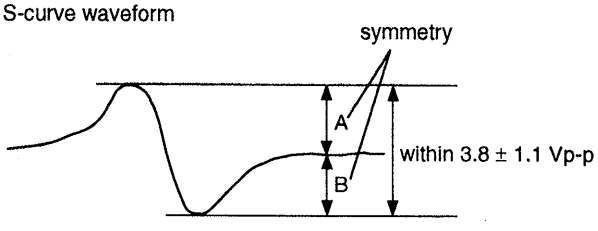
S Curve Check **— Page 16 —**



Procedure :

1. Connect oscilloscope to test point TP (FEO).
2. Connect between test point TP (FOK) and GND by lead wire.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
5. Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 3.8±1.1 Vp-p.

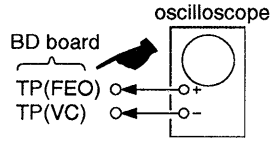
S-curve waveform



6. After check, remove the lead wire connected in step 2.

Note : • Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.
• Take sweep time as long as possible and light up the brightness to obtain best waveform.

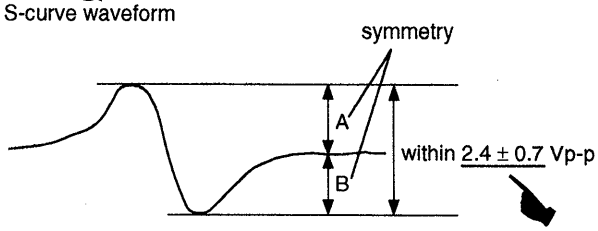
S Curve Check **— Page 16 —**



Procedure :

1. Connect oscilloscope to test point TP (FEO).
2. Connect between test point TP (FOK) and GND by lead wire.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
5. Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 2.4±0.7 Vp-p.

S-curve waveform



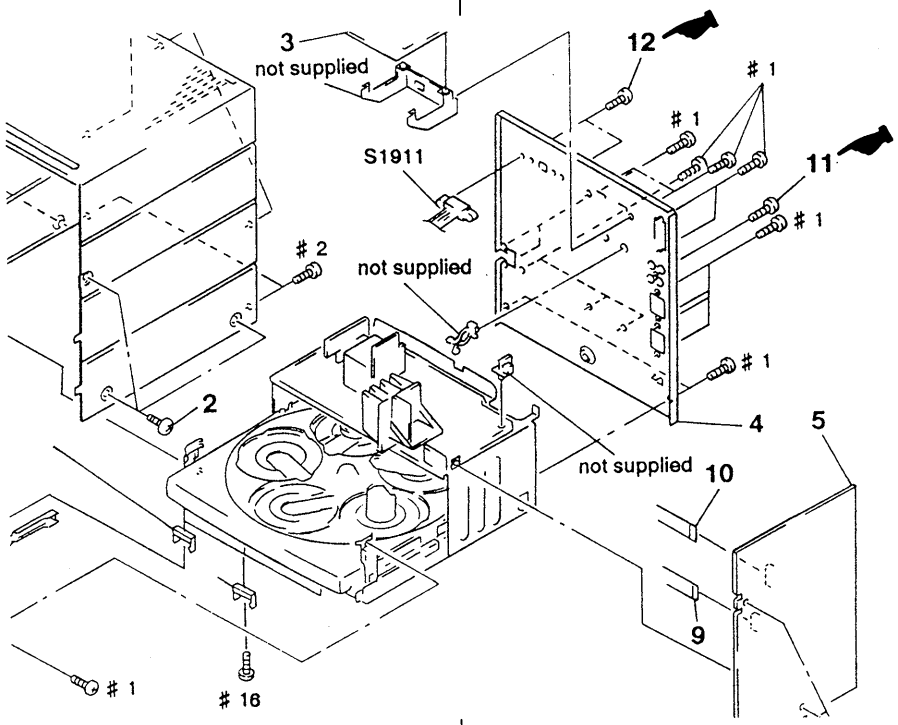
6. After check, remove the lead wire connected in step 2.

Note : • Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.
• Take sweep time as long as possible and light up the brightness to obtain best waveform.

3. PARTS CHANGED

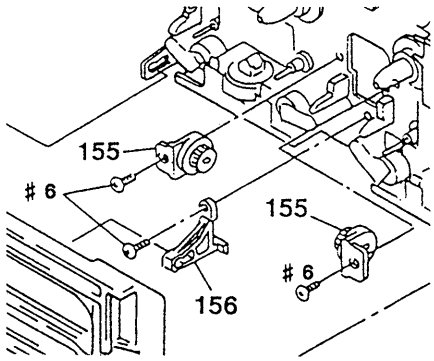
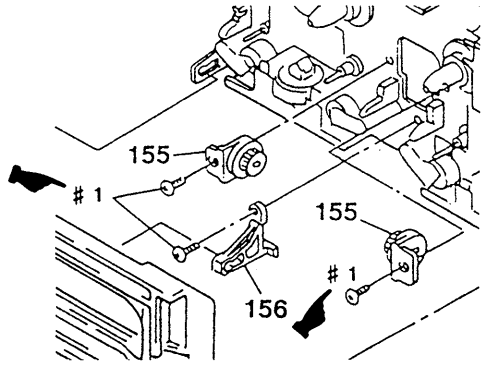
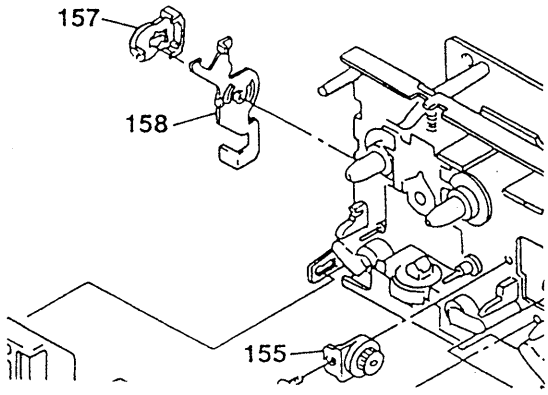
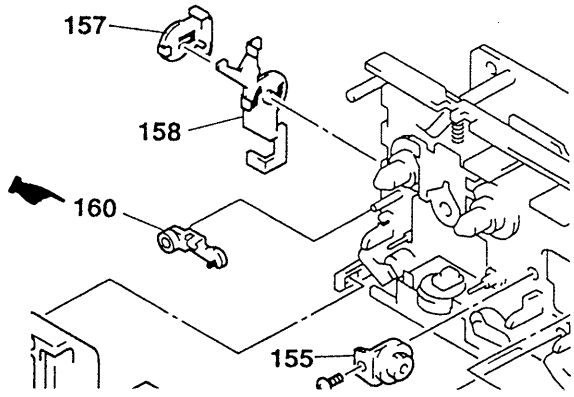
: indicates changed portion

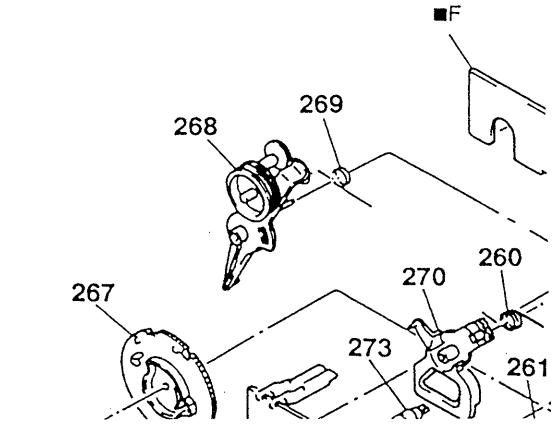
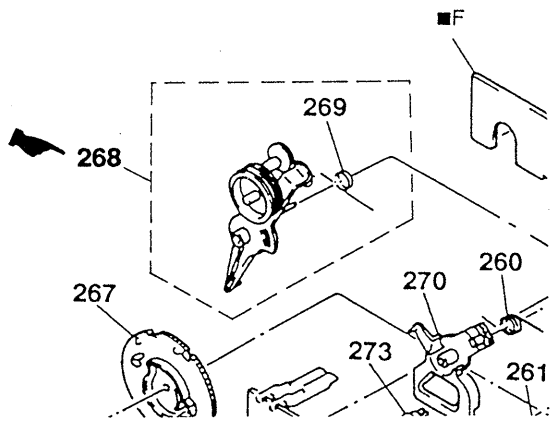
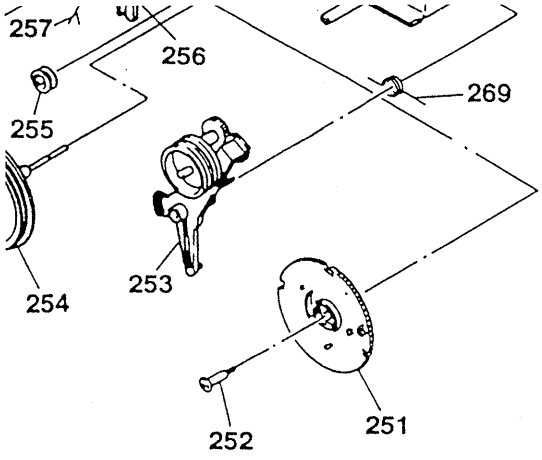
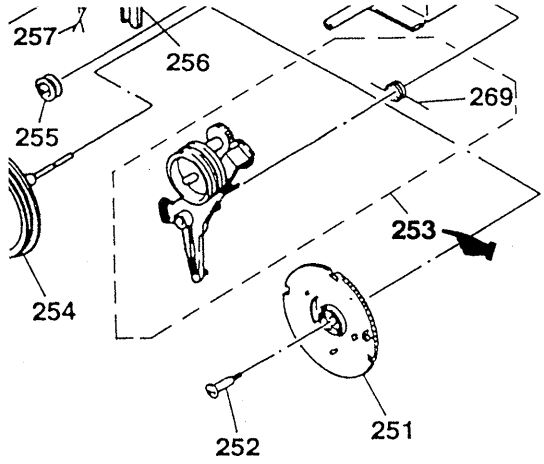
Page	FORMER				NEW			
	Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
71			*** EXPLODED VIEWS ***				*** EXPLODED VIEWS ***	
	7	4-962-705-01	CHASSIS, HOLDER					
					11	4-909-982-11	SCREW, TAPPING	
					12	2-383-566-00	SCREW	
72	82	4-963-404-01	EMBLEM (5-A), SONY		82	4-963-404-21	EMBLEM (5-A), SONY	
73	* 107	A-4378-088-A	DBFB BOARD, COMPLETE (N350: E,AUS,MX,AR,PX/N350K)		* 107	1-656-668-11	DBFB BOARD (N350: E,AUS,MX,AR,PX/N350K)	
	* 108	1-654-656-11	REGULATOR BOARD		* 108	1-654-653-11	REGULATOR BOARD	
	⚠CNP1901	1-558-943-41	CORD, POWER (N350: E,MX,PX/N350K: E)		⚠CNP1901	1-551-188-XX	CORD, POWER (N350: E,MX,PX/N350K: E)	
	⚠F1901	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)		⚠F1901	1-532-505-51	FUSE (5A 250V) (N350: E,AUS,MX,AR,PX/N350K)	
	⚠F1901	1-532-350-00	FUSE (T4A 250V)(N350: AEP,UK,G,IT)		⚠F1901	1-532-504-51	FUSE (4A 250V)(N350: AEP,UK,G,IT)	
	⚠F1902	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)		⚠F1902	1-532-505-51	FUSE (5A 250V) (N350: E,AUS,MX,AR,PX/N350K)	
	⚠F1902	1-532-350-00	FUSE (T4A 250V)(N350: AEP,UK,G,IT)		⚠F1902	1-532-504-51	FUSE (4A 250V)(N350: AEP,UK,G,IT)	



- Abbreviation
  - G : German model
  - IT : Italian model
  - MX : Mexican model
  - AUS : Australian model
  - AR : Argentine model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Page	FORMER				NEW			
74	Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
								
	151	X-4943-776-1	HOLDER (L) ASSY, CASSETTE		151	X-4945-690-1	HOLDER (L) ASSY, CASSETTE	
	152	X-4943-775-1	HOLDER (R) ASSY, CASSETTE		152	X-4945-691-1	HOLDER (R) ASSY, CASSETTE	
								
					160	3-938-863-01	STOPPER	

Page	FORMER				NEW			
76	Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
					*** EXPLODED VIEWS ***			
								
								
	251	3-908-597-01	CAM (A)		251	3-908-597-05	CAM (A)	
	253	X-3367-590-2	ARM (A) ASSY, FR		253	X-3372-930-1	ARM (A) ASSY, FR	
	268	X-3367-591-2	ARM (B) ASSY, FR		268	X-3372-931-1	ARM (A) ASSY, FR	
77	M701	A-4353-976-A	MOTOR ASSY, ROTARY (TABLE)		M701	A-4604-849-A	MOTOR ASSY, ROTARY (TABLE)	
78	359	4-934-375-11	GEAR (LOADING B)		359	4-934-375-01	GEAR (LOADING B)	
	361	1-638-288-11	LOADING MOTOR BOARD		361	1-639-288-11	LOADING MOTOR BOARD	
	M702	A-4353-974-A	MOTOR ASSY, LOADING		M702	A-4604-847-A	MOTOR ASSY, LOADING	

• Abbreviation
MX : Mexican model
AUS : Australian model
AR : Argentine model

Page	FORMER							NEW						
80	Ref No.	Part No.	Description				Remark	Ref No.	Part No.	Description				Remark
			*** ELECTRICAL PARTS LIST ***							*** ELECTRICAL PARTS LIST ***				
			*** 5CD PANEL BOARD ***							*** 5CD PANEL BOARD ***				
	R552	1-247-811-31	CARBON	150	5%	1/4W		R552	1-249-408-11	CARBON	180	5%	1/4W	
							(N350: E,AUS,MX,AR,PX/N350K)							(N350: E,AUS,MX,AR,PX/N350K)
82	*	A-4378-088-A	DBFB BOARD, COMPLETE					*	A-4378-333-A	DBFB BOARD, COMPLETE				
			**********							**********				
							(N350: E,AUS,MX,AR,PX/N350K)							(N350: E,AUS,MX,AR,PX/N350K)
	C2133	1-124-463-00	ELECT	0.1uF	20%	50V		C2133	1-124-902-00	ELECT	0.47uF	20%	50V	
83	R2108	1-249-429-11	CARBON	10K	5%	1/4W		R2108	1-249-437-11	CARBON	47K	5%	1/4W	
								R2111	1-249-419-11	CARBON	1.5K	5%	1/4W	
	R2135	1-249-413-11	CARBON	470	5%	1/4W	F	R2135	1-249-415-11	CARBON	680	5%	1/4W	
	R2158	1-249-429-11	CARBON	10K	5%	1/4W		R2158	1-249-437-11	CARBON	47K	5%	1/4W	
								R2161	1-249-419-11	CARBON	1.5K	5%	1/4W	
	*	A-4377-133-A	ECHO BOARD, COMPLETE (N350K)					*	A-4378-678-A	ECHO BOARD, COMPLETE (N350K)				
			**********							**********				
								C1620	1-162-294-31	CERAMIC	0.001uF	10%	50V	
								C1621	1-162-294-31	CERAMIC	0.001uF	10%	50V	
	C1645	1-130-490-11	MYLAR	0.039uF	5%	50V		C1645	1-130-483-00	MYLAR	0.01uF	5%	50V	
								R1658	1-247-903-00	CARBON	1M	5%	1/4W	
84			*** KEY CON BOARD (N350K) ***							*** KEY CON BOARD (N350K) ***				
								C1440	1-162-290-31	CERAMIC	470PF	10%	50V	
								C1480	1-161-494-00	CERAMIC	0.022uF		25V	
85			*** LOADING MOTOR BOARD ***							*** LOADING MOTOR BOARD ***				
	M702	A-4353-974-A	MOTOR ASSY (LOADING)					M702	A-4604-847-A	MOTOR ASSY, LOADING				
93	*	A-2007-253-A	MD BOARD, COMPLETE					*	A-2007-435-A	MD BOARD, COMPLETE				
			**********							**********				
94	C651	1-164-159-11	CERAMIC	0.1uF		50V		C651	1-161-494-00	CERAMIC	0.022uF		25V	
	Q623	8-729-801-93	TRANSISTOR 2SD1387					Q623	8-729-030-18	TRANSISTOR 2SD2525				
			*** MIC BOARD (N350K) ***							*** MIC BOARD (N350K) ***				
								C1622	1-164-159-11	CERAMIC	0.1uF		50V	
	J1601	1-569-113-11	JACK, LARGE TYPE (MIC 1)					J1601	1-573-151-11	JACK, LARGE TYPE (MIC 1)				
	J1602	1-573-151-11	JACK, LARGE TYPE (MIC 2)					J1602	1-569-113-11	JACK, LARGE TYPE (MIC 2)				
95			*** PANEL BOARD ***							*** PANEL BOARD ***				
								C510	1-162-306-11	CERAMIC	0.01uF	20%	16V	
	C512	1-162-286-31	CERAMIC	220PF	10%	50V		C512	1-162-290-31	CERAMIC	470PF	10%	50V	
	C513	1-162-286-31	CERAMIC	220PF	10%	50V		C513	1-162-290-31	CERAMIC	470PF	10%	50V	
								C514	1-162-306-11	CERAMIC	0.01uF	20%	16V	
	C602	1-162-282-31	CERAMIC	100PF	10%	50V		C602	1-164-159-11	CERAMIC	0.1uF		50V	
								C661	1-162-284-31	CERAMIC	150PF	10%	50V	
								C662	1-162-284-31	CERAMIC	150PF	10%	50V	
								C663	1-162-284-31	CERAMIC	150PF	10%	50V	
								C664	1-162-284-31	CERAMIC	150PF	10%	50V	
								C665	1-162-284-31	CERAMIC	150PF	10%	50V	
								C666	1-162-284-31	CERAMIC	150PF	10%	50V	
								C671	1-164-159-11	CERAMIC	0.1uF		50V	
								C672	1-164-159-11	CERAMIC	0.1uF		50V	
								D551	8-719-987-63	DIODE IN4148M				

• Abbreviation

CND	: Canadian model	MX	: Mexican model
G	: German model	AUS	: Australian model
IT	: Italian model	AR	: Argentine model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Page	FORMER							NEW						
	Ref No.	Part No.	Description				Remark	Ref No.	Part No.	Description				Remark
96	Q611	8-729-422-57	TRANSISTOR UN411 (N350: E,AUS,MX,AR,PX/N350K)					Q611	8-729-119-76	TRANSISTOR 2SA1175-HFE (N350: E,AUS,MX,AR,PX/N350K)				
								R557	1-247-843-11	CARBON	3.3K	5%	1/4W (N350: E,AUS,MX,AR,PX/N350K)	
								R558	1-249-429-11	CARBON	10K	5%	1/4W (N350: E,AUS,MX,AR,PX/N350K)	
	R664	1-247-807-31	CARBON	100	5%	1/4W		R664	1-249-415-11	CARBON	680	5%	1/4W	
	R665	1-247-807-31	CARBON	100	5%	1/4W		R665	1-249-415-11	CARBON	680	5%	1/4W	
	R666	1-249-413-11	CARBON	470	5%	1/4W	F	R666	1-249-415-11	CARBON	680	5%	1/4W	
	R667	1-247-807-31	CARBON	100	5%	1/4W		R667	1-249-415-11	CARBON	680	5%	1/4W	
	R668	1-247-807-31	CARBON	100	5%	1/4W		R668	1-249-415-11	CARBON	680	5%	1/4W	
	R669	1-247-807-31	CARBON	100	5%	1/4W		R669	1-249-415-11	CARBON	680	5%	1/4W	
97	R693	1-249-429-11	CARBON	10K	5%	1/4W								
	R712	1-249-429-11	CARBON	10K	5%	1/4W (D560/N350: CND,AEP,UK,G,IT)		R712	1-249-429-11	CARBON	10K	5%	1/4W	
	R713	1-249-429-11	CARBON	10K	5%	1/4W (D560/N350: CND,AEP,UK,G,IT)		R713	1-249-429-11	CARBON	10K	5%	1/4W	
			*** POWER BOARD ***							*** POWER BOARD ***				
	⚠F1901	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)					⚠F1901	1-532-505-51	FUSE, TIME-LAG (5A 250V) (N350: E,AUS,MX,AR,PX/N350K)				
	⚠F1901	1-532-350-00	FUSE (T4 250V)(N350: AEP,UK,G,IT)					⚠F1901	1-532-504-51	FUSE, TIME-LAG (4A 250V)(N350: AEP,UK,G,IT)				
	⚠F1902	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)					⚠F1902	1-532-505-51	FUSE, TIME-LAG (5A 250V) (N350: E,AUS,MX,AR,PX/N350K)				
	⚠F1902	1-532-350-00	FUSE (T4 250V)(N350: AEP,UK,G,IT)					⚠F1902	1-532-504-51	FUSE, TIME-LAG (4A 250V)(N350: AEP,UK,G,IT)				
	⚠R1901	1-219-139-11	FUSIBLE	0.68	5%	1/4W (D560/N350: CND)	F	⚠R1901	1-219-124-11	FUSIBLE	0.68	5%	1/4W (D560/N350: CND)	F
98	⚠R1902	1-219-136-11	FUSIBLE	0.22	5%	1/4W (N350: AEP,UK,G,IT)	F	⚠R1902	1-219-121-11	FUSIBLE	0.22	5%	1/4W (N350: AEP,UK,G,IT)	F
	⚠R1903	1-219-136-11	FUSIBLE	0.22	5%	1/4W (N350: AEP,UK,G,IT)	F	⚠R1903	1-219-121-11	FUSIBLE	0.22	5%	1/4W (N350: AEP,UK,G,IT)	F
100			*** TABLE MOTOR BOARD ***							*** TABLE MOTOR BOARD ***				
	M701	A-4353-976-A	MOTOR ASSY (TABLE)					M701	A-4604-849-A	MOTOR ASSY, ROTARY (TABLE)				
			*** MISCELLANEOUS ***							*** MISCELLANEOUS ***				
	⚠CNP1901	1-558-943-41	CORD, POWER (N350: E,MX,PX/N350K: E)					⚠CNP1901	1-551-188-XX	CORD, POWER (N350: E,MX,PX/N350K: E)				
	⚠F1901	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)					⚠F1901	1-532-505-51	FUSE (5A 250V) (N350: E,AUS,MX,AR,PX/N350K)				
	⚠F1901	1-532-350-00	FUSE (T4A 250V)(N350: AEP,UK,G,IT)					⚠F1901	1-532-504-51	FUSE (4A 250V)(N350: AEP,UK,G,IT)				
	⚠F1902	1-532-299-00	FUSE (T5A 250V) (N350: E,AUS,MX,AR,PX/N350K)					⚠F1902	1-532-505-51	FUSE (5A, 250V) (N350: E,AUS,MX,AR,PX/N350K)				
	⚠F1902	1-532-350-00	FUSE (T4 250V)(N350: AEP,UK,G,IT)					⚠F1902	1-532-504-51	FUSE (4A 250V)(N350: AEP,UK,G,IT)				
101	M701	A-4353-976-A	MOTOR ASSY, ROTARY (TABLE)					M701	A-4604-849-A	MOTOR ASSY, ROTARY (TABLE)				
	M702	A-4353-974-A	MOTOR ASSY, LOADING					M702	A-4604-847-A	MOTOR ASSY, LOADING				
			*** ACCESSORIES & PACKING MATERIALS ***							*** ACCESSORIES & PACKING MATERIALS ***				
		1-501-374-11	ANTENNA, LOOP (N350: AEP,G,IT)											
		1-501-594-31	ANTENNA (FM)(N350: AEP,G,IT)											
		3-798-246-41	MANUAL, INSTRUCTION (ENGLISH,FRENCH,SPANISH,PORTUGUESE)(N350: AEP,G)											
		3-798-246-51	MANUAL, INSTRUCTION (GERMAN,ITALIAN,DUTCH,SWEDISH)(N350: AEP,G,IT)											
		4-941-762-01	COVER (MLY), BATTERY (for RM-S300L)											
	*	4-971-344-01	INDIVIDUAL CARTON (N350: AEP)											
			*** HARDWARE LIST ***							*** HARDWARE LIST ***				
	#3	7-685-534-19	SCREW +BTP2.6x8 TYPE2 N-S											
	#4	7-621-849-00	SCREW, TAPPING											

4. MECHANISM DECK CHANGED

- The mechanism deck has been changed from TCM-220WR2 to TCM-220WR2E.
- Refer to "Difference table" for the difference of parts, and "Discriminate (Mechanism deck)" for discriminating each mechanism deck.

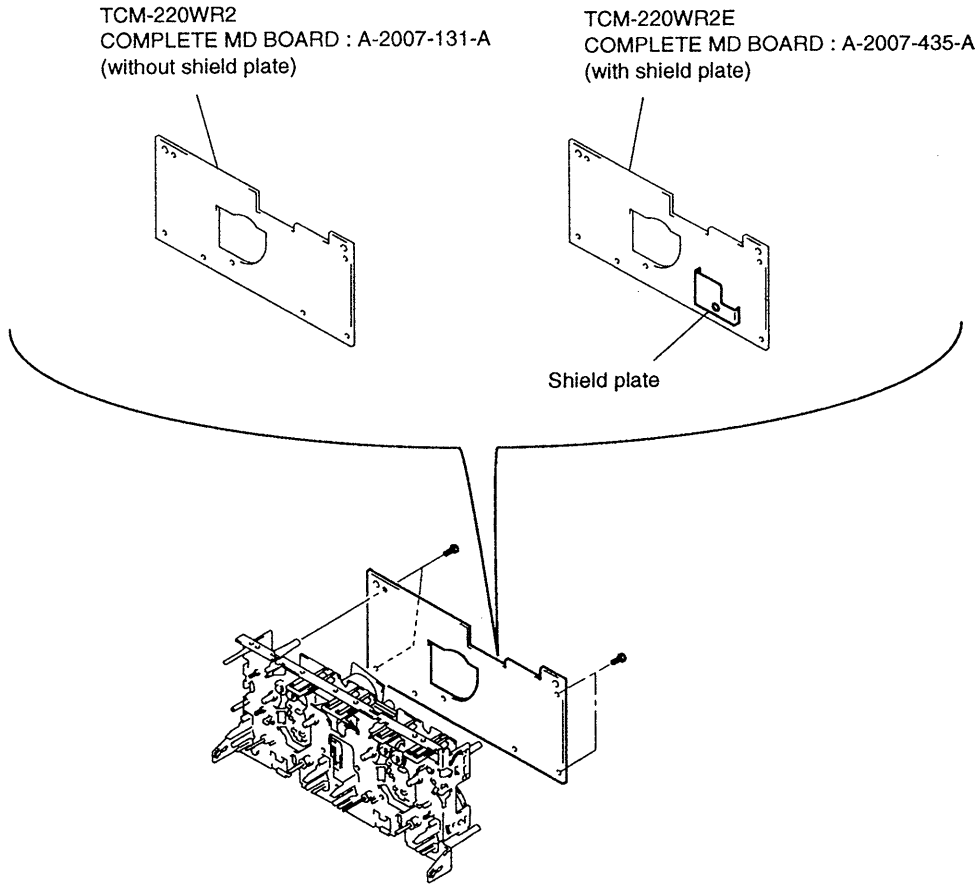
Difference table

TCM-220WR2				TCM-220WR2E			
Ref No.	Part No.	Description	Remark	Ref No.	Part No.	Description	Remark
* 221	A-2007-131-A	MD BOARD, COMPLETE		* 221	A-2007-435-A	MD BOARD, COMPLETE	

- Interchangeability of Complete MD Board

	COMPLETE MD BOARD : A-2007-131-A	COMPLETE MD BOARD : A-2007-435-A
TCM-220WR2	○	○
TCM-220WR2E	X	○

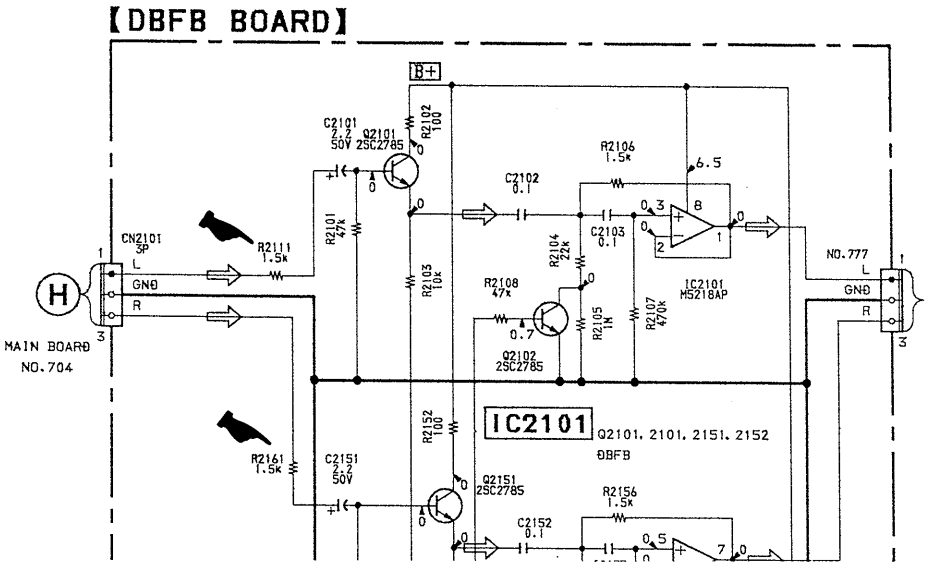
Discriminate (Mechanism deck)

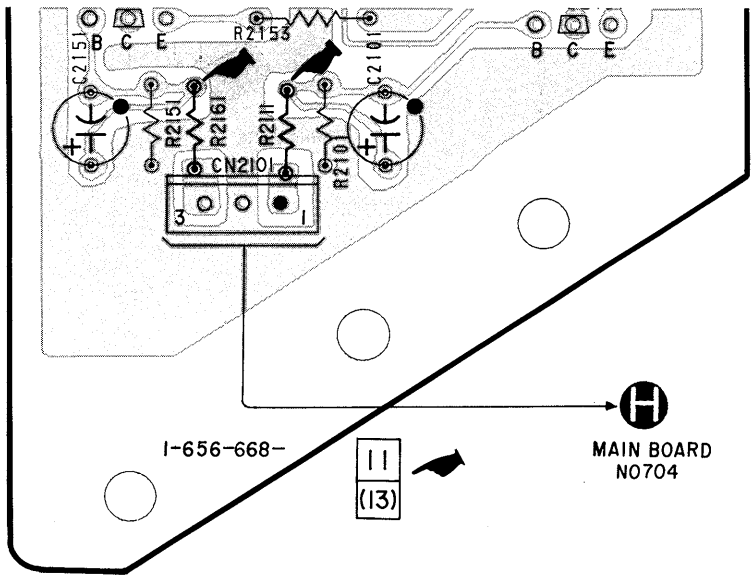


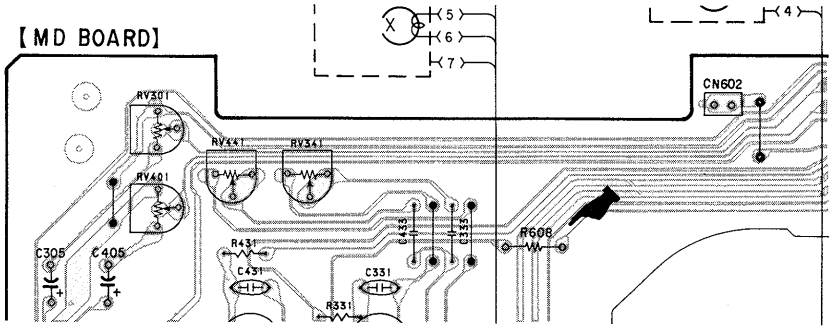
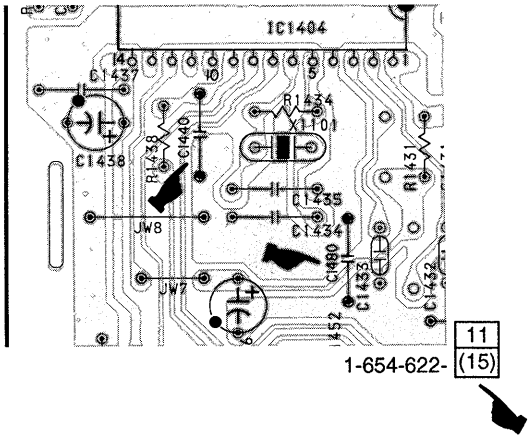
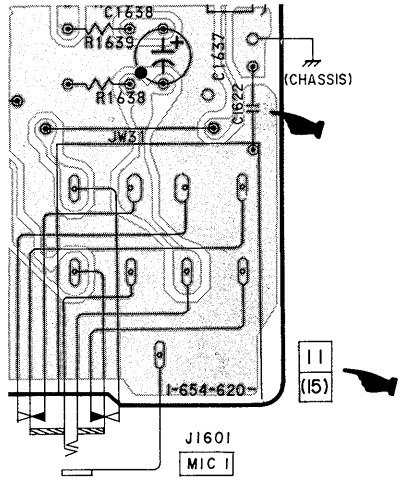
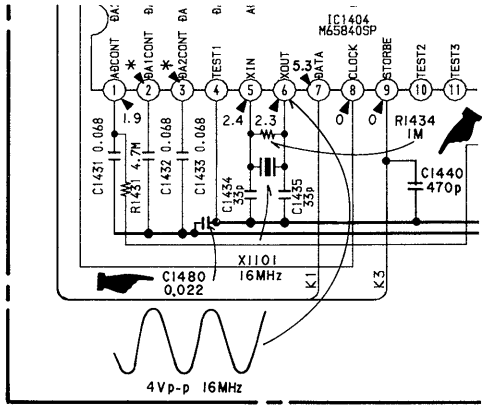
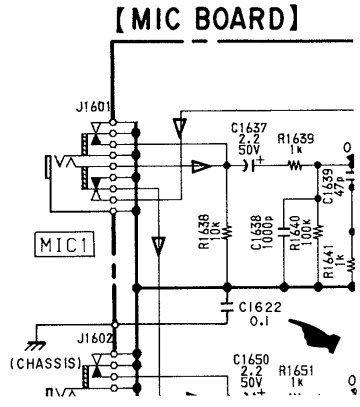
5. BOARD CHANGED

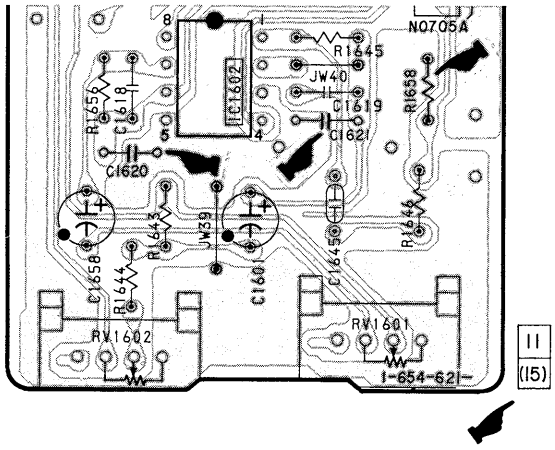
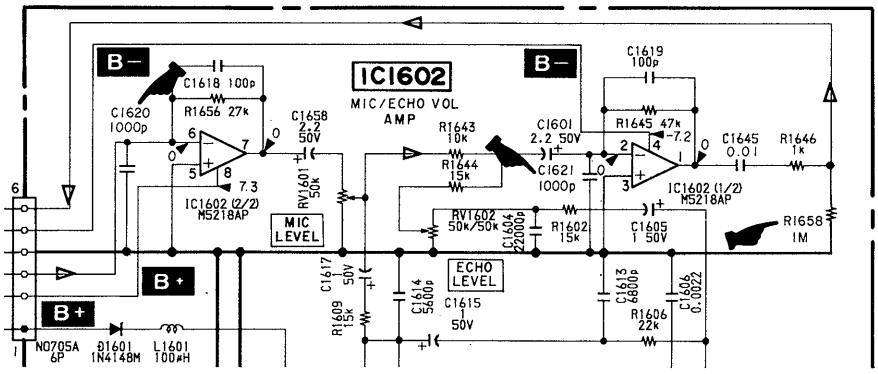
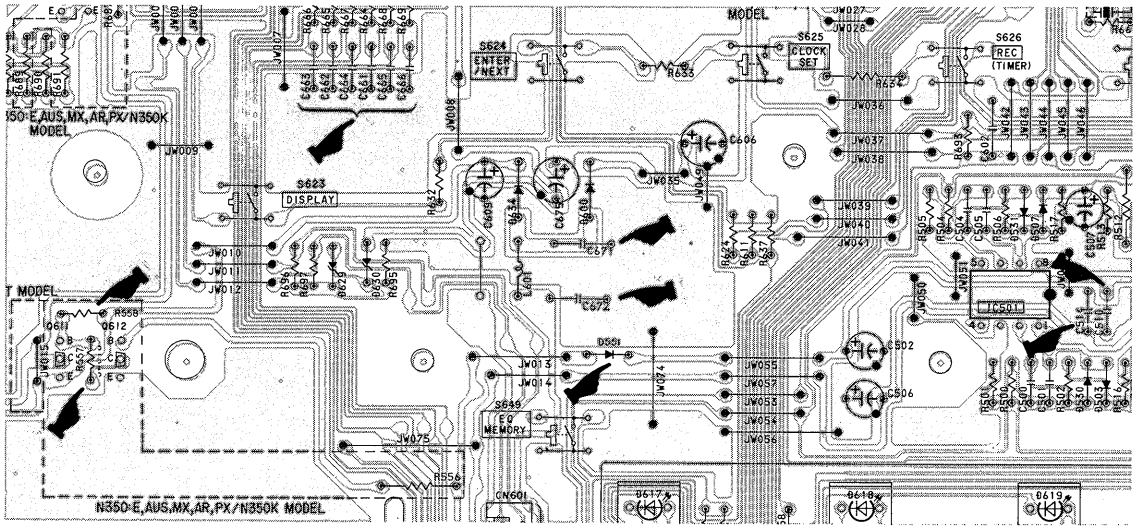
: indicates corrected portion.

Page	NEW
33	**[DBFB BOARD]** Location A–D, 1–5
35	**[DBFB BOARD]** Location E–F, 1–4

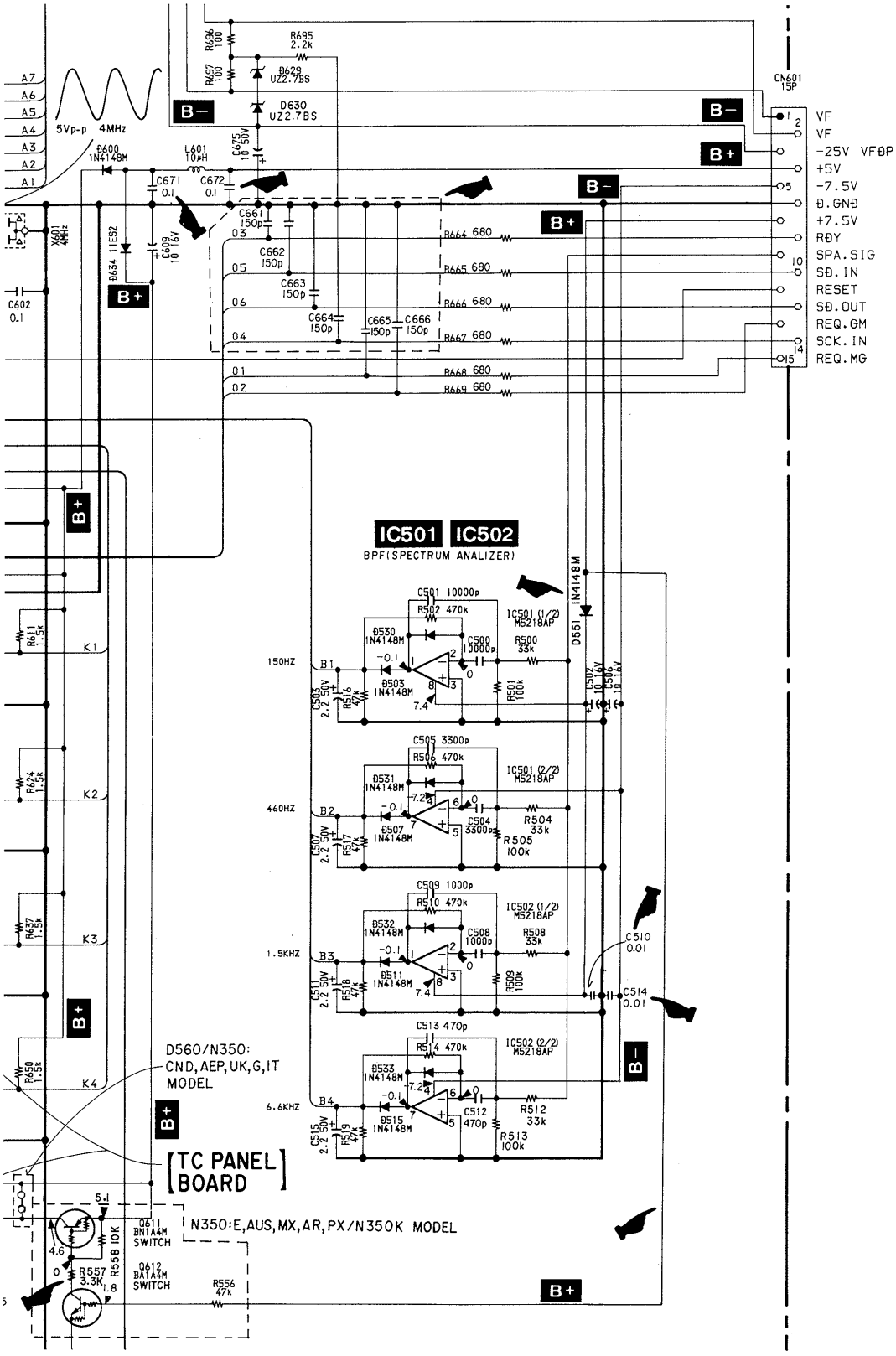




Page	NEW
43	**[MD BOARD]** Location E–F, 3–5 
45	**[KEY CON BOARD]** Location D–E, 1–3  **[MIC BOARD]** Location E–F, 10–11 
47	**[KEY CON BOARD]** Location E–F, 9–10  **[MIC BOARD]** Location A–C, 1–2 

Page	NEW
46	**[ECHO BOARD]** Location E–F, 6–8 
47	**[ECHO BOARD]** Location B–C, 4–8 
53	**[PANEL BOARD]** Location D–G, 3–10 

Page	NEW
51	**[PANEL BOARD]** Location D–K, 8–12



6. MAIN & POWER AMP BOARD CHANGE

• The MAIN & POWER AMP board was renewed with a change of parts, please look at this.

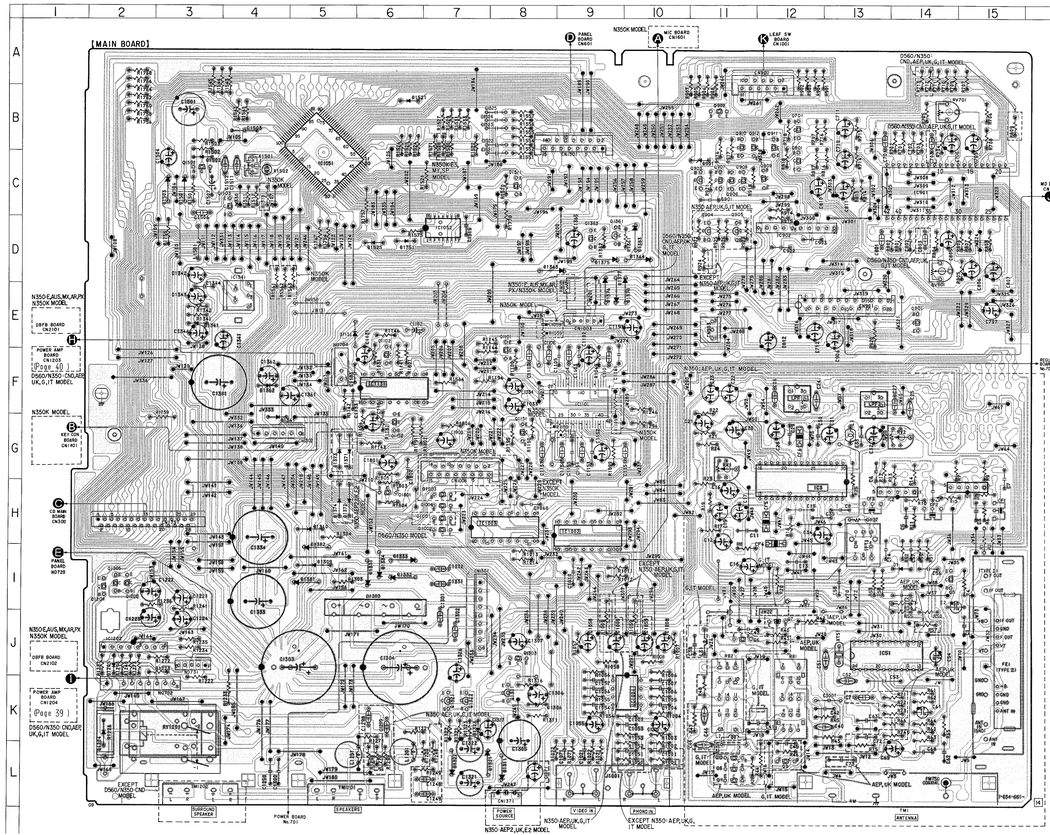
PRINTED WIRING BOARD — MAIN SECTION —

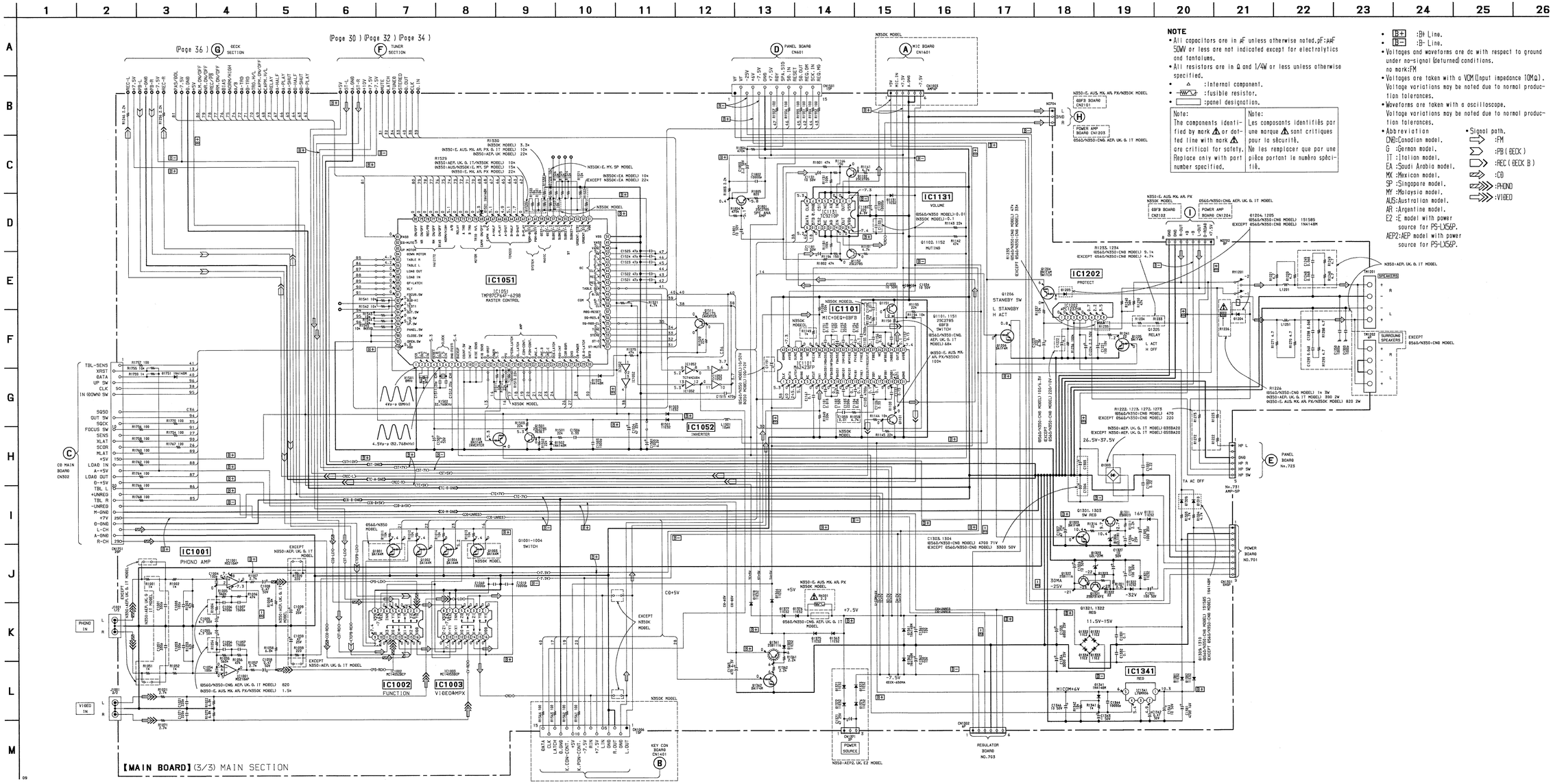
• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D1	I-14	IC1101	F-9
D5	K-11	IC1131	F-6
D901	C-11	IC1202	J-2
D1131	E-5	IC1341	E-4
D1204	K-2	IC1351	C-17
D1205	J-2		
D1303	I-6	Q1	G-15
D1306	K-8	Q2	G-15
D1309	I-5	Q3	G-14
D1310	H-5	Q4	G-14
D1311	L-8	Q5	I-14
D1321	L-7	Q6	J-11
D1322	L-7	Q7	J-12
D1323	K-7	Q8	L-11
D1331	I-6	Q9	L-12
D1332	I-6	Q10	L-11
D1333	I-6	Q11	L-11
D1334	I-6	Q701	B-12
D1341	E-3	Q801	C-12
D1361	F-4	Q901	E-14
D1362	F-4	Q902	B-11
D1363	D-8	Q903	C-11
D1364	D-10	Q904	D-11
D1371	G-5	Q905	D-11
D1372	H-5	Q906	C-11
D1373	G-5	Q907	C-11
D1374	H-5	Q908	C-11
D1375	D-9	Q909	C-12
D1376	E-9	Q910	B-11
D1377	E-9	Q911	B-12
D1378	E-9	Q912	B-11
D1381	I-5	Q1001	H-7
D1382	I-5	Q1002	H-7
D1383	D-10	Q1003	H-7
D1501	C-3	Q1004	H-7
D1502	C-3	Q1101	E-8
D1503	C-3	Q1102	F-6
D1521	B-6	Q1103	C-4
D1525	D-6	Q1151	G-8
D1751	D-6	Q1152	G-6
		Q1204	I-2
IC1	G-15	Q1205	I-2
IC2	G-14	Q1206	I-2
IC3	G-12	Q1301	K-8
IC51	J-13	Q1303	J-8
IC901	C-14	Q1321	K-7
IC902	D-12	Q1322	K-7
IC1001	K-9	Q1361	D-9
IC1002	H-9	Q1362	D-9
IC1003	H-7	Q1501	C-3
IC1051	C-5	Q1511	C-8
IC1052	D-7	Q1801	H-6

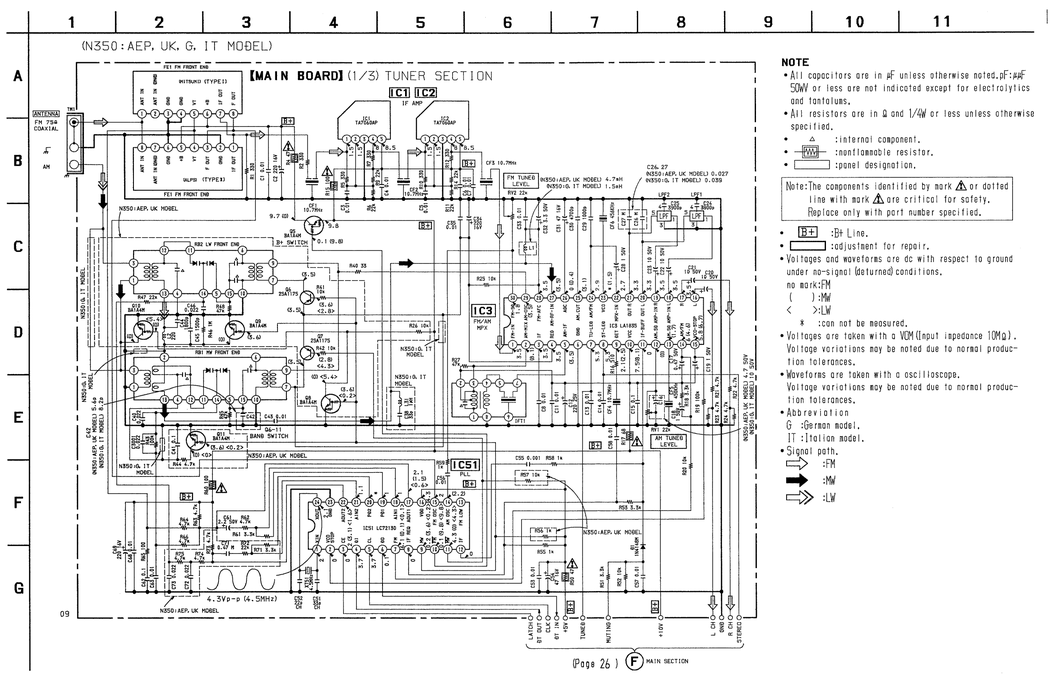
Note:

- ⟷ : parts extracted from the component side.
- ■ : parts mounted on the conductor side.
- △ : internal component.
- ▭ : Pattern from the side which enable seeing.
- Abbreviation
  - CND : Canadian model.
  - G : German model.
  - IT : Italian model.
  - EA : Saudi Arabia model.
  - MX : Mexican model.
  - SP : Singapore model.
  - MY : Malaysia model.
  - AUS : Australian model.
  - AR : Argentine model.




【MAIN BOARD】(3/3) MAIN SECTION
IC1051
TMP87CP447-6298
MASTER CONTROL
IC1052
INVERTER
IC1101
MIC+HEG+EBF3
IC1131
VOLUME
IC1202
PROTECT
IC1001
PHONO AMP
IC1002
FUNCTION
IC1003
VIDEO&MPX
IC1341
REG
Q1101, 1151
2SC2785
EBF3
SWITCH
Q1204
STANBY SW
L: STANDBY
H: ACT
Q1205
RELAY
L: ACT
H: OFF
NOTE
• All capacitors are in μF unless otherwise noted. pF: μF
50WV or less are not indicated except for electrolytics and tantalums.
• All resistors are in Ω and 1/4W or less unless otherwise specified.
• △ : internal component.
• : fusible resistor.
• : panel designation.
Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Note: Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
• B+ : B+ Line.
• B− : B− Line.
• Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark: FM
• Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
• Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
• Abbreviation
CND: Canadian model.
G : German model.
IT : Italian model.
EA : Saudi Arabia model.
MX : Mexican model.
SP : Singapore model.
MY : Malaysia model.
AUS: Australian model.
AR : Argentine model.
E2 : E model with power source for PS-LX56P.
AEP2: AEP model with power source for PS-LX56P.
• Signal path.
: FM
: PB (DECK)
: REC (DECK B)
: CD
: PHONO
: VIDEO
(Page 36) G DECK SECTION
(Page 30) (Page 32) (Page 34) F TUNER SECTION
D PANEL BOARD CN401
A MIC BOARD CN1401
H POWER AMP BOARD CN1203
POWER AMP BOARD CN1204
EBF3 BOARD CN2102
EBF3 BOARD CN2101
C CD MAIN BOARD CN302
E PANEL BOARD No.723
POWER BOARD NO.701
REGULATOR BOARD NO.703
KEY CON BOARD CN1401
PHONO IN
VIDEO IN
SPEAKERS
SURROUND SPEAKERS
EXCEPT 0560/N350 CND MODEL
N350K MODEL
EXCEPT N350K MODEL
0560/N350 MODEL
N350/AEP, UK, G, IT MODEL
N350/E, AUS, MX, AR, PX, IT MODEL
N350/AEP, UK MODEL
N350K/E, MY, SP MODEL
N350K/EA MODEL
EXCEPT N350K/EA MODEL
N350/E, AUS, MX, AR PX/N350K MODEL
0560/N350/CND, AEP, UK, G, IT MODEL
N350/AEP, UK, G, IT MODEL
N350/E, AUS, MX, AR, PX, IT MODEL
N350/AEP2, UK, E2 MODEL
0560/N350/CND MODEL
EXCEPT 0560/N350/CND MODEL
26.5V-37.5V
7A AC OFF
11.5V-15V
+7.5V
+5V
+3.3V
+2.5V
-7.5V
-32V
C0+5V
MICOM+6V
4.5Vp-p (32.768kHz)
4Vp-p (8MHz)

SCHEMATIC DIAGRAM — TUNER SECTION —



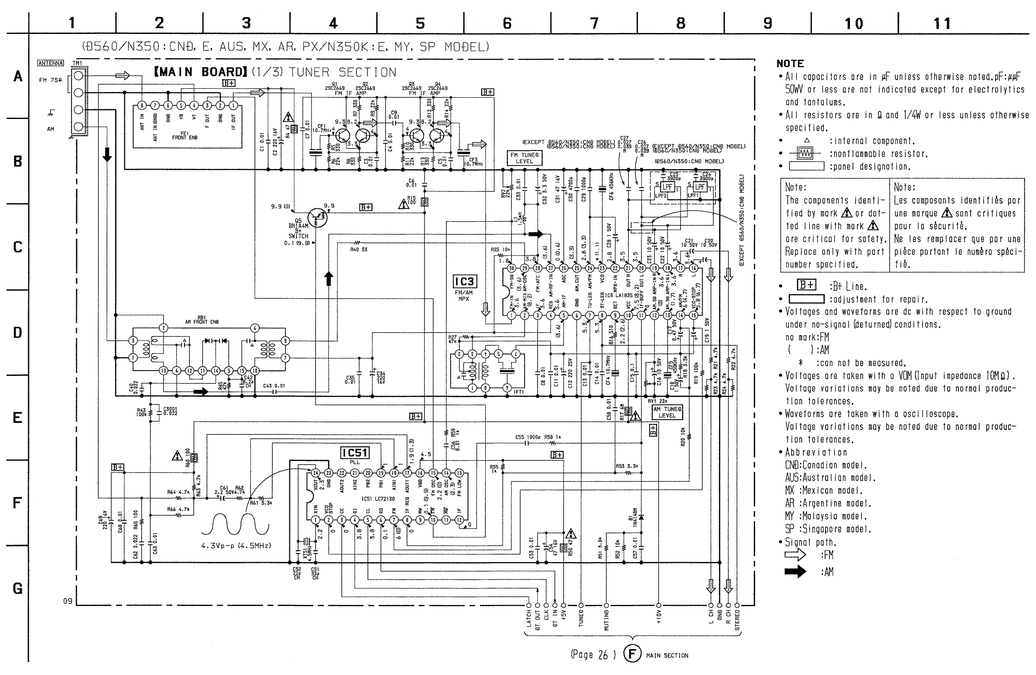
NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF
  50WV or less are not indicated except for electrolytics and tantolums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ : internal component.
- ▭ : nonflammable resistor.
- ▭ : panel designation.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

- B+ : B+ Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (deturned) conditions.
  no mark: FM
  ( ) : MW
  < > : LW
  * : can not be measured.
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  G : German model.
  IT : Italian model.
- Signal path.
  ⇨ : FM
  ➡ : MW
  ⇨ : LW

SCHEMATIC DIAGRAM — TUNER SECTION —



NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF
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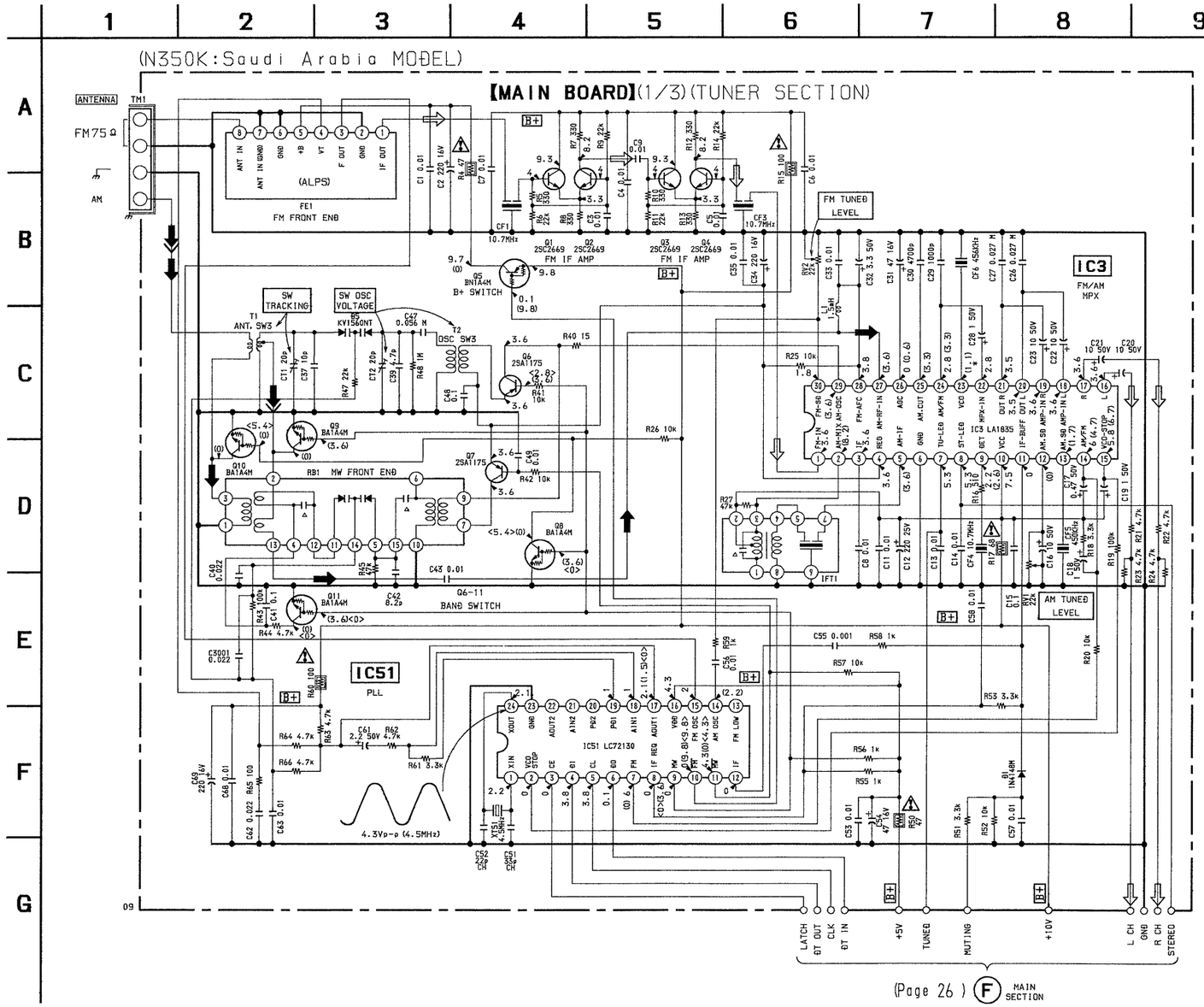
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ : internal component.
- ▭ : nonflammable resistor.
- ▭ : panel designation.

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- B+ : B+ Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (deturned) conditions.
  no mark: FM
  ( ) : AM
  * : can not be measured.
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  CND : Canadian model.
  AUS : Australian model.
  MX : Mexican model.
  AR : Argentine model.
  MY : Malaysia model.
  SP : Singapore model.
- Signal path.
  ⇨ : FM
  ➡ : AM

SCHEMATIC DIAGRAM — TUNER SECTION —



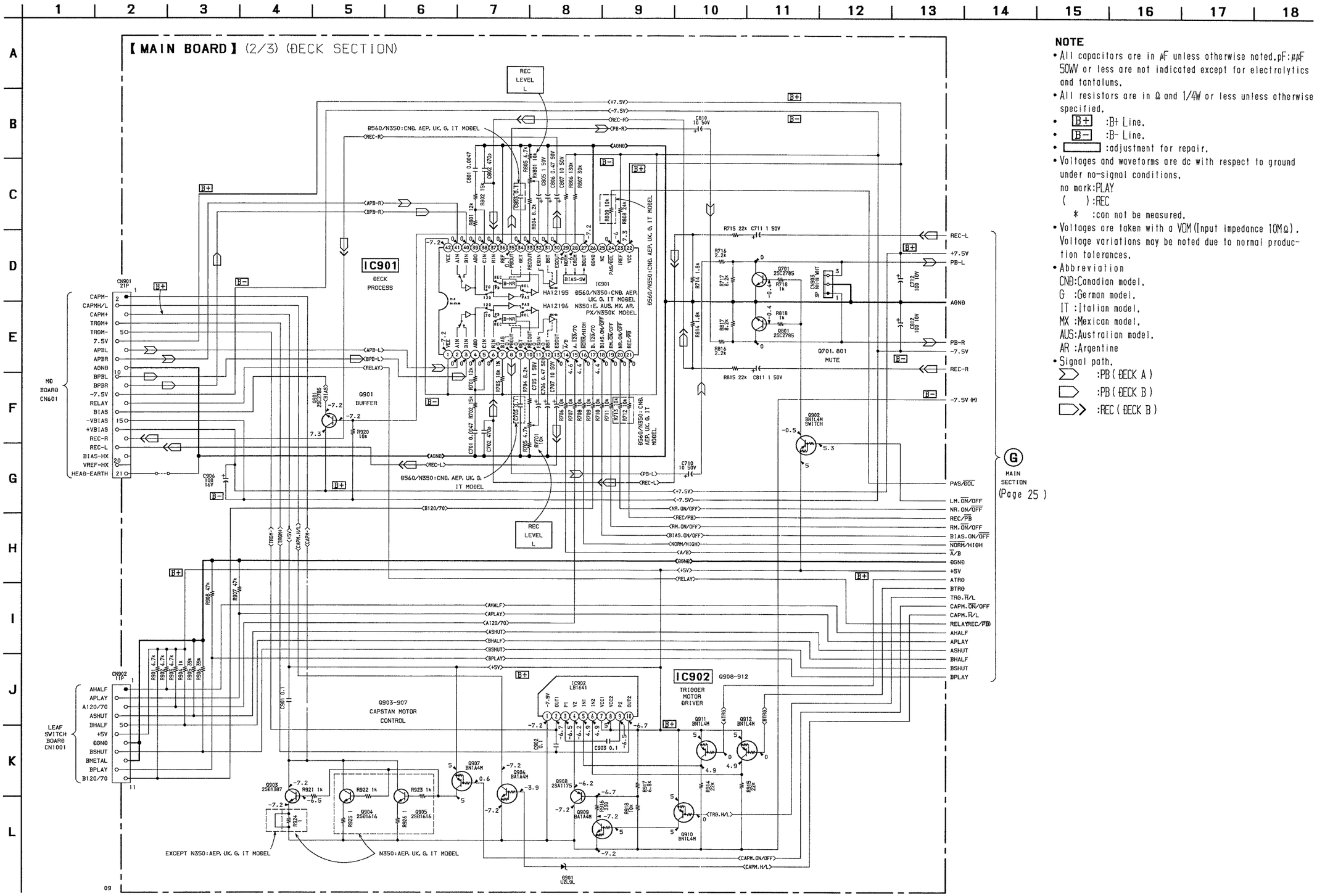
NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ :internal component.
- :nonflammable resistor.
- :panel designation.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

- B+ :B+ Line.
- :adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (deturned) conditions.
  no mark: FM
  ( ): MW
  < >: SW
  * : can not be measured.
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Signal path.
  :FM
  :MW
  :SW

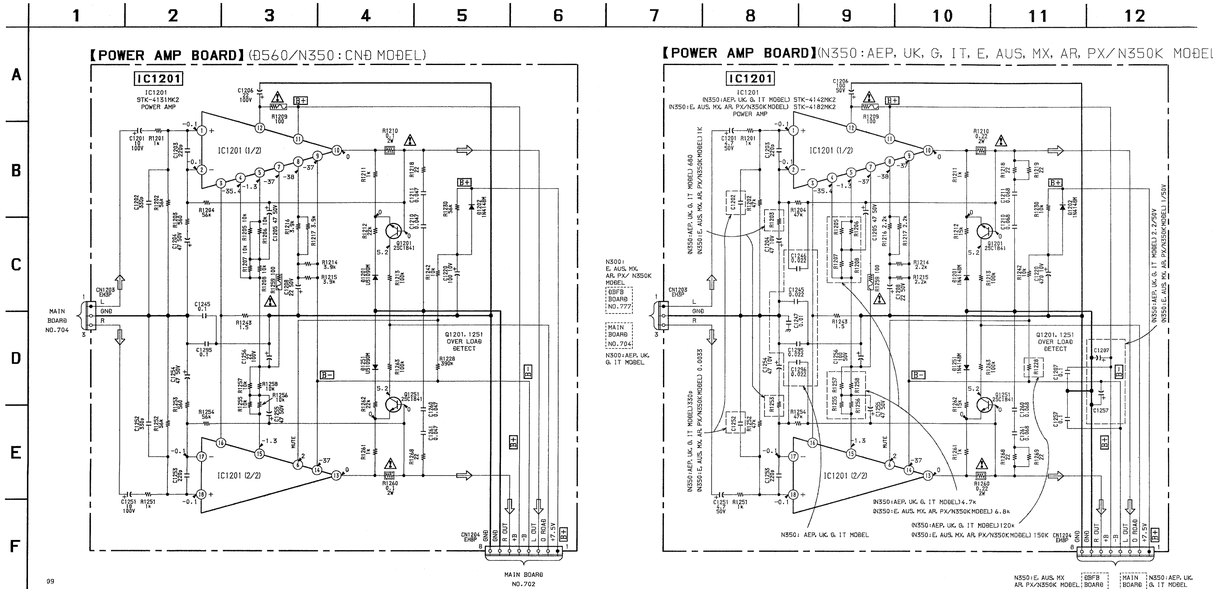
SCHEMATIC DIAGRAM — DECK SECTION —



NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- B+ :B+ Line.
- B− :B− Line.
- ▭ :adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark: PLAY
  ( ): REC
  * :can not be measured.
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  CND: Canadian model.
  G : German model.
  IT : Italian model.
  MX : Mexican model.
  AUS: Australian model.
  AR : Argentine
- Signal path.
  ▷ :PB (DECK A)
  ▷ :PB (DECK B)
  ▷▷ :REC (DECK B)

SCHEMATIC DIAGRAM — POWER AMP SECTION —


【POWER AMP BOARD】(D560/N350:CND MODEL)
【POWER AMP BOARD】(N350:AEP, UK, G, IT, E, AUS, MX, AR, PX/N350K MODEL)
IC1201
IC1201 (1/2)
IC1201 (2/2)
MAIN BOARD NO.704
MAIN BOARD NO.702
Q1201,1251 OVER LOAD DETECT
N350:AEP, UK, G, IT MODEL
N350:E, AUS, MX, AR, PX/N350K MODEL
DBFB BOARD NO.777
DBFB BOARD NO.778

NOTE

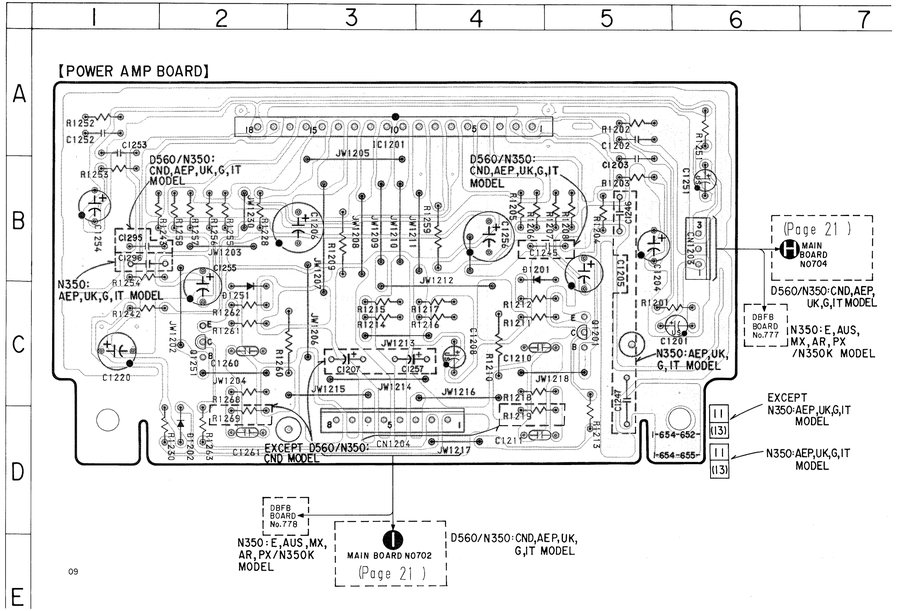
- All capacitors are in μF unless otherwise noted. pF:μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- ▭ : nonflammable resistor.
- ▭ : fusible resistor.
- B+ : B+ Line.
- B− : B− Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark:FM
- Voltages are taken with a VCM (input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM

- Abbreviation
  CND:Canadian model.
  G :German model.
  IT :Italian model.
  AUS:Australian model.
  MX :Mexican model.
  AR :Argentine model.

PRINTED WIRING BOARD — POWER AMP SECTION —



- **Semiconductor Location**

Ref. No.	Location
D1201	B-4
D1202	D-2
D1251	C-2
IC1201	A-3
Q1201	C-5
Q1251	C-2

Note:

- ——— : parts extracted from the component side.
- ▭ : Pattern from the side which enable seeing.
- Abbreviation
  CND : Canadian model.
  G : German model.
  IT : Italian model.
  MX : Mexican model.
  AUS : Australian model.
  AR : Argentine model.

ELECTRICAL PARTS LIST

NOTE:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- SEMICONDUCTORS
  In each case, u: μ , for example:
  uA...: μA..., uPA...: μPA..., uPB...: μPB..., uPC...: μPC..., uPD...: μPD...
- CAPACITORS
  uF : μF
- COILS
  uH : μH
- Abbreviation
  CND : Canadian model
  G : German model
  IT : Italian model
  EA : Saudi Arabia model
  MX : Mexican model
  SP : Singapore model
  MY : Malaysia model
  AUS : Australian model
  AR : Argentine model
  E2 : E model with power source for PS-LX56P
  E3 : E model without power source for PS-LX56P
  AEP1 : AEP model without power source for PS-LX56P
  AEP2 : AEP model with power source for PS-LX56P

Ref. No.	Part No.	Description			Remark
*	A-4377-060-A	MAIN BOARD, COMPLETE (N350:AEP2, UK)			
		**********			
*	A-4377-087-A	MAIN BOARD, COMPLETE (D560/N350:CND)			
		**********			
*	A-4377-101-A	MAIN BOARD, COMPLETE (N350:E2)			
		**********			
*	A-4377-123-A	MAIN BOARD, COMPLETE (N350K:E3, MY, SP)			
		**********			
*	A-4377-475-A	MAIN BOARD, COMPLETE (N350K:EA)			
		**********			
*	A-4377-625-A	MAIN BOARD, COMPLETE (N350:E3, MX, AR, PX)			
		**********			
*	A-4377-627-A	MAIN BOARD, COMPLETE (N350:AUS)			
		**********			
*	A-4377-629-A	MAIN BOARD, COMPLETE (N350:AEP1)			
		**********			
*	A-4377-809-A	MAIN BOARD, COMPLETE (N350:G)			
		**********			
*	A-4377-812-A	MAIN BOARD, COMPLETE (N350:IT)			
		**********			
		< CAPACITOR >			
C1	1-162-306-11	CERAMIC	0.01uF	30%	16V
C2	1-126-934-11	ELECT	220uF	20%	16V
C3	1-162-306-11	CERAMIC	0.01uF	30%	16V
C4	1-162-306-11	CERAMIC	0.01uF	30%	16V
C5	1-162-306-11	CERAMIC	0.01uF	30%	16V
C6	1-162-306-11	CERAMIC	0.01uF	30%	16V
C7	1-162-306-11	CERAMIC	0.01uF	30%	16V
C8	1-162-306-11	CERAMIC	0.01uF	30%	16V
C9	1-101-004-00	CERAMIC	0.01uF	30%	16V
		(D560/N350:CND, E, AUS, MX, AR, PX/N350K)			
C11	1-162-306-11	CERAMIC	0.01uF	30%	16V
C12	1-126-934-11	ELECT	220uF	20%	16V
C13	1-162-306-11	CERAMIC	0.01uF	30%	16V
C14	1-162-306-11	CERAMIC	0.01uF	30%	16V
C15	1-164-159-11	CERAMIC	0.1uF		50V
C16	1-124-906-11	ELECT	4.7uF	20%	50V
					(N350:AEP, UK)
C16	1-124-907-11	ELECT	10uF	20%	50V
					(EXCEPT N350:AEP, UK)
C17	1-124-902-00	ELECT	0.47uF	20%	50V
C18	1-124-903-11	ELECT	1uF	20%	50V
C19	1-124-903-11	ELECT	1uF	20%	50V
C20	1-124-907-11	ELECT	10uF	20%	50V
C21	1-124-907-11	ELECT	10uF	20%	50V
C22	1-124-907-11	ELECT	10uF	20%	50V
C23	1-124-907-11	ELECT	10uF	20%	50V
C24	1-137-436-11	FILM	0.0039uF	5%	50V
					(D560/N350:CND, AEP, UK, G, IT)
C25	1-137-436-11	FILM	0.0039uF	5%	50V
					(D560/N350:CND, AEP, UK, G, IT)
C26	1-136-158-00	FILM	0.027uF	5%	50V
					(N350:AEP, UK, E, AUS, MX, AR, PX/N350K)
C26	1-136-160-00	FILM	0.039uF	5%	50V
					(D560/N350:CND, G, IT)
C27	1-136-158-00	FILM	0.027uF	5%	50V
					(N350:AEP, UK, E, AUS, MX, AR, PX/N350K)
C27	1-136-160-00	FILM	0.039uF	5%	50V
					(D560/N350:CND, G, IT)
C28	1-124-903-11	ELECT	1uF	20%	50V
C29	1-162-294-31	CERAMIC	0.001uF	10%	50V
C30	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C31	1-104-664-11	ELECT	47uF	20%	25V
C32	1-126-962-11	ELECT	3.3uF	20%	50V
C33	1-162-306-11	CERAMIC	0.01uF	30%	16V
C34	1-126-934-11	ELECT	220uF	20%	16V
C35	1-162-306-11	CERAMIC	0.01uF	30%	16V
C37	1-162-199-31	CERAMIC	10PF	5%	50V
					(N350K:EA)
C38	1-162-211-31	CERAMIC	33PF	5%	50V
					(N350:G, IT)
C39	1-162-195-31	CERAMIC	4.7PF	10%	50V
					(N350K:EA)

MAIN

Ref. No.	Part No.	Description			Remark
C40	1-101-005-00	CERAMIC	22000PF		50V
C41	1-164-159-11	CERAMIC	0.1uF		50V
					(N350:AEP, UK/N350K:EA)
C42	1-162-196-31	CERAMIC	5.6PF	10%	50V
					(N350:AEP, UK)
C42	1-162-198-31	CERAMIC	8.2PF	10%	50V
					(D560/N350:CND, E, AUS, MX, AR, PX, G, IT/N350K)
C43	1-162-306-11	CERAMIC	0.01uF	30%	16V
C44	1-102-120-00	CERAMIC	0.0018uF	10%	50V
					(N350:AEP, UK)
C45	1-162-301-11	CERAMIC	0.0015uF	30%	16V
					(N350:AEP, UK)
C46	1-101-005-00	CERAMIC	22000PF		50V
					(N350:AEP, UK)
C47	1-136-162-00	FILM	0.056uF	5%	50V
					(N350K:EA)
C48	1-164-159-11	CERAMIC	0.1uF		50V
					(N350K:EA)
C49	1-162-306-11	CERAMIC	0.01uF	30%	16V
					(N350K:EA)
C51	1-102-518-11	CERAMIC	33PF	5%	50V
C52	1-102-514-11	CERAMIC	22PF	5%	50V
C53	1-162-306-11	CERAMIC	0.01uF	30%	16V
C54	1-104-664-11	ELECT	47uF	20%	25V
C55	1-162-294-31	CERAMIC	0.001uF	30%	16V
C56	1-162-306-11	CERAMIC	0.01uF	30%	16V
C57	1-162-306-11	CERAMIC	0.01uF	30%	16V
C58	1-162-306-11	CERAMIC	0.01uF	30%	16V
C61	1-126-961-11	ELECT	2.2uF	20%	100V
C62	1-161-494-00	CERAMIC	0.022uF		25V
					(D560/N350:CND, E, AUS, MY, AR, PX/N350K)
C62	1-164-159-11	CERAMIC	0.1uF		50V
					(N350:AEP, UK, G, IT)
C63	1-162-306-11	CERAMIC	0.01uF	30%	16V
C68	1-162-306-11	CERAMIC	0.01uF	30%	16V
C69	1-126-934-11	ELECT	220uF	20%	16V
C71	1-136-173-00	FILM	0.47uF	5%	50V
					(N350:AEP, UK)
C72	1-161-494-00	CERAMIC	0.022uF		25V
					(N350:AEP, UK)
C73	1-161-494-00	CERAMIC	0.022uF		25V
					(N350:AEP, UK)
C701	1-137-368-11	FILM	0.0047uF	5%	50V
C702	1-162-290-31	CERAMIC	470PF	10%	50V
C703	1-137-399-11	FILM	0.1uF	5%	50V
					(D560/N350:CND, AEP, UK, G, IT)
C705	1-124-903-11	ELECT	1uF	20%	50V
C706	1-124-902-00	ELECT	0.47uF	20%	50V
C707	1-124-907-11	ELECT	10uF	20%	50V
C710	1-124-907-11	ELECT	10uF	20%	50V
C711	1-124-903-11	ELECT	1uF	20%	50V
C712	1-124-443-00	ELECT	100uF	20%	10V
C801	1-137-368-11	FILM	0.0047uF	5%	50V
C802	1-162-290-31	CERAMIC	470PF	10%	50V
C803	1-137-399-11	FILM	0.1uF	5%	50V
					(D560/N350:CND, AEP, UK, G, IT)
C805	1-124-903-11	ELECT	1uF	20%	50V
C806	1-124-902-00	ELECT	0.47uF	20%	50V
C807	1-124-907-11	ELECT	10uF	20%	50V
C810	1-124-907-11	ELECT	10uF	20%	50V
C811	1-124-903-11	ELECT	1uF	20%	50V
C812	1-124-443-00	ELECT	100uF	20%	10V
C901	1-164-159-11	CERAMIC	0.1uF		50V
C902	1-164-159-11	CERAMIC	0.1uF		50V
C903	1-164-159-11	CERAMIC	0.1uF		50V
C906	1-104-665-11	ELECT	100uF	20%	16V
C1001	1-162-288-31	CERAMIC	330PF	10%	50V
					(N350:AEP, UK, G, IT)
C1003	1-162-282-31	CERAMIC	100PF	10%	50V
C1004	1-162-282-31	CERAMIC	100PF	10%	50V
C1005	1-126-963-11	ELECT	4.7uF	20%	100V
C1006	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C1007	1-162-301-11	CERAMIC	0.0015uF	30%	16V
C1008	1-124-902-00	ELECT	0.47uF	20%	50V
C1009	1-104-664-11	ELECT	47uF	20%	25V
					(N350:AEP, UK, G, IT)
C1010	1-162-306-11	CERAMIC	0.01uF	30%	16V
C1021	1-162-286-31	CERAMIC	220PF	10%	50V
					(N350:AEP, UK, G, IT)
C1033	1-124-907-11	ELECT	10uF	20%	50V
C1034	1-124-907-11	ELECT	10uF	20%	50V
C1051	1-162-288-31	CERAMIC	330PF	10%	50V
					(N350:AEP, UK, G, IT)
C1053	1-162-282-31	CERAMIC	100PF	10%	50V
C1054	1-162-282-31	CERAMIC	100PF	10%	50V
C1055	1-126-963-11	ELECT	4.7uF	20%	100V
C1056	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C1057	1-162-301-11	CERAMIC	0.0015uF	30%	16V
C1058	1-124-902-00	ELECT	0.47uF	20%	50V
C1059	1-104-664-11	ELECT	47uF	20%	25V
					(N350:AEP, UK, G, IT)
C1059	1-162-306-11	CERAMIC	0.01uF	30%	16V
					(N350K)
C1060	1-162-306-11	CERAMIC	0.01uF	30%	16V
C1071	1-162-286-31	CERAMIC	220PF	10%	50V
					(N350:AEP, UK, G, IT)
C1101	1-137-440-11	FILM	0.018uF	5%	50V
C1102	1-124-903-11	ELECT	1uF	20%	50V
C1103	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C1104	1-137-443-11	FILM	0.056uF	5%	50V
C1105	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C1106	1-136-171-00	FILM	0.33uF	5%	50V
C1107	1-136-167-00	FILM	0.15uF	5%	50V
C1131	1-124-907-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description			Remark
C1133	1-162-306-11	CERAMIC	0.01uF	30%	16V
					(D560/N350)
C1133	1-164-159-11	CERAMIC	0.1uF		50V
					(N350K)
C1151	1-137-440-11	FILM	0.018uF	5%	50V
C1152	1-124-903-11	ELECT	1uF	20%	50V
C1153	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C1154	1-137-443-11	FILM	0.056uF	5%	50V
C1155	1-162-600-11	CERAMIC	0.0047uF	30%	16V
C1156	1-136-171-00	FILM	0.33uF	5%	50V
C1157	1-136-167-00	FILM	0.15uF	5%	50V
C1159	1-162-306-11	CERAMIC	0.01uF	30%	16V
					(N350K)
C1161	1-164-159-11	CERAMIC	0.1uF		50V
C1181	1-124-907-11	ELECT	10uF	20%	50V
C1182	1-104-666-11	ELECT	220uF	20%	10V
C1183	1-162-306-11	CERAMIC	0.01uF	30%	16V
C1191	1-124-443-00	ELECT	100uF	20%	10V
					(N350K)
C1191	1-124-907-11	ELECT	10uF	20%	50V
					(D560/N350)
C1221	1-124-443-00	ELECT	100uF	20%	10V
C1222	1-104-666-11	ELECT	220uF	20%	10V
			(EXCEPT D560/N350:CND)		
C1222	1-126-968-11	ELECT	100uF	20%	6.3V
					(D560/N350:CND)
C1223	1-104-666-11	ELECT	220uF	20%	10V
C1224	1-126-961-11	ELECT	2.2uF	20%	100V
C1248	1-137-375-11	FILM	0.068uF	5%	50V
					(N350:AEP, UK, G, IT)
C1249	1-137-375-11	FILM	0.068uF	5%	50V
					(N350:AEP, UK, G, IT)
C1250	1-162-294-31	CERAMIC	0.001uF	10%	50V
					(N350:AEP, UK, G, IT)
C1298	1-137-375-11	FILM	0.068uF	5%	50V
					(N350:AEP, UK, G, IT)
C1299	1-137-375-11	FILM	0.068uF	5%	50V
					(N350:AEP, UK, G, IT)
C1300	1-162-294-31	CERAMIC	0.001uF	10%	50V
					(N350:AEP, UK, G, IT)
C1301	1-136-169-00	FILM	0.22uF	5%	50V
C1302	1-136-169-00	FILM	0.22uF	5%	50V
C1303	1-126-974-11	ELECT	3300uF	20%	50V
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)			
C1303	1-128-493-11	ELECT	4700uF	20%	71V
					(D560/N350:CND)
C1304	1-126-974-11	ELECT	3300uF	20%	50V
		(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)			
C1304	1-128-493-11	ELECT	4700uF	20%	71V
					(D560/N350:CND)
C1305	1-126-972-11	ELECT	1000uF	20%	35V
C1306	1-104-664-11	ELECT	47uF	20%	25V
C1307	1-104-664-11	ELECT	47uF	20%	25V

Ref. No.	Part No.	Description			Remark
C1321	1-124-122-11	ELECT	100uF	20%	50V
C1322	1-124-122-11	ELECT	100uF	20%	50V
C1326	1-124-907-11	ELECT	10uF	20%	50V
C1327	1-124-907-11	ELECT	10uF	20%	50V
C1331	1-136-165-00	FILM	0.1uF	5%	50V
C1332	1-136-165-00	FILM	0.1uF	5%	50V
C1333	1-126-946-11	ELECT	6800uF	20%	25V
C1334	1-124-636-00	ELECT	3300uF	20%	25V
C1341	1-124-907-11	ELECT	10uF	20%	50V
C1342	1-124-902-00	ELECT	0.47uF	20%	50V
C1343	1-124-903-11	ELECT	1uF	20%	50V
C1344	1-162-306-11	CERAMIC	0.01uF	30%	16V
C1346	1-124-907-11	ELECT	10uF	20%	50V
C1361	1-104-666-11	ELECT	220uF	20%	10V
C1362	1-104-666-11	ELECT	220uF	20%	10V
C1365	1-126-925-11	ELECT	470uF	20%	10V
C1371	1-104-664-11	ELECT	47uF	20%	25V
					(N350:AEP2, UK, E2)
C1381	1-126-937-11	ELECT	4700uF	20%	16V
C1501	1-124-471-00	ELECT	1000uF	20%	6.3V
C1503	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1504	1-104-664-11	ELECT	47uF	20%	25V
C1506	1-136-171-00	FILM	0.33uF	5%	50V
C1507	1-126-963-11	ELECT	4.7uF	20%	50V
C1511	1-102-958-00	CERAMIC	20PF	5%	50V
C1512	1-102-958-00	CERAMIC	20PF	5%	50V
C1515	1-162-290-31	CERAMIC	470PF	10%	50V
C1521	1-162-215-31	CERAMIC	47PF	5%	50V
C1522	1-162-215-31	CERAMIC	47PF	5%	50V
C1523	1-162-215-31	CERAMIC	47PF	5%	50V
C1524	1-162-215-31	CERAMIC	47PF	5%	50V
C1525	1-162-215-31	CERAMIC	47PF	5%	50V
C1801	1-124-907-11	ELECT	10uF	20%	50V
C1802	1-162-306-11	CERAMIC	0.01uF	30%	16V
C1803	1-126-961-11	ELECT	2.2uF	20%	50V
C3001	1-161-494-00	CERAMIC	0.022uF		25V

< FILTER >

CF1	1-567-389-11	FILTER, CERAMIC (10.7MHz)
CF2	1-760-393-11	FILTER, CERAMIC (10.7MHz)
		(N350:AEP, UK, G, IT)
CF3	1-567-389-11	FILTER, CERAMIC (10.7MHz)
		(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
CF3	1-760-393-11	FILTER, CERAMIC (10.7MHz)
		(N350:AEP, UK, G, IT)
CF4	1-760-220-11	FILTER, CERAMIC (10.7MHz)
CF5	1-527-981-00	FILTER, CERAMIC (450kHz)
CF6	1-577-075-11	OSCILLATOR, CERAMIC (456kHz)

MAIN

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
CN901	1-568-838-11	SOCKET, CONNECTOR 21P	
* CN902	1-568-830-11	SOCKET, CONNECTOR 11P	
* CN903	1-560-061-00	PIN, CONNECTOR 3P	
* CN1003	1-568-955-11	PIN, CONNECTOR 6P (N350K)	
* CN1006	1-568-834-11	SOCKET, CONNECTOR 15P (N350K)	
* CN1301	1-564-512-11	PLUG, CONNECTOR 9P	
* CN1302	1-564-509-11	PLUG, CONNECTOR 6P	
* CN1371	1-566-210-11	PIN, CONNECTOR 3P (N350:AEP2, UK, E2)	
* CN1501	1-568-834-11	SOCKET, CONNECTOR 15P	
CN1751	1-770-064-11	CONNECTOR, FFC/FPC 29P	
		< TRIMMER >	
CT1	1-141-227-00	CAP, TRIMMER 20PF (N350K:EA)	
CT2	1-141-227-00	CAP, TRIMMER 20PF (N350K:EA)	
		< DIODE >	
D1	8-719-987-63	DIODE 1N4148M	
D5	8-719-976-30	DIODE KV1560N (N350K:EA)	
D901	8-719-933-54	DIODE HZS9A2L	
D1131	8-719-200-82	DIODE 11ES2	
D1204	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1204	8-719-987-63	DIODE 1N4148M	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
D1205	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1205	8-719-987-63	DIODE 1N4148M	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
D1303	8-719-028-23	DIODE D3SBA20-4101 (N350:AEP, UK, G, IT)	
D1303	8-719-510-68	DIODE D5SBA20F01	(D560/N350:CND, E, AUS, MX, AR, PX/N350K)
D1306	8-719-001-42	DIODE UZL-11M1	
D1309	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1309	8-719-987-63	DIODE 1N4148M	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
D1310	8-719-815-85	DIODE 1S1585 (D560/N350:CND)	
D1310	8-719-987-63	DIODE 1N4148M	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
D1311	8-719-024-99	DIODE 11ES2-NTA2B	
D1321	8-719-024-99	DIODE 11ES2-NTA2B	
D1322	8-719-024-99	DIODE 11ES2-NTA2B	
D1323	8-719-934-18	LED HZS27-2L	
D1331	8-719-024-99	DIODE 11ES2-NTA2B	
D1332	8-719-024-99	DIODE 11ES2-NTA2B	
D1333	8-719-024-99	DIODE 11ES2-NTA2B	
D1334	8-719-024-99	DIODE 11ES2-NTA2B	
D1341	8-719-987-63	DIODE 1N4148M	
D1361	8-719-987-63	DIODE 1N4148M	
D1362	8-719-987-63	DIODE 1N4148M	
D1363	8-719-024-99	DIODE 11ES2-NTA2B	
D1364	8-719-024-99	DIODE 11ES2-NTA2B	
D1371	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
D1372	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
D1373	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
D1374	8-719-024-99	DIODE 11ES2-NTA2B (N350:AEP2, UK, E2)	
D1375	8-719-024-99	DIODE 11ES2-NTA2B	
D1376	8-719-024-99	DIODE 11ES2-NTA2B	
D1377	8-719-024-99	DIODE 11ES2-NTA2B	
D1378	8-719-024-99	DIODE 11ES2-NTA2B	
D1381	8-719-024-99	DIODE 11ES2-NTA2B	
D1382	8-719-024-99	DIODE 11ES2-NTA2B	
D1383	8-719-024-99	DIODE 11ES2-NTA2B	
D1501	8-719-024-99	DIODE 11ES2-NTA2B	
D1502	8-719-987-63	DIODE 1N4148M	
D1503	8-719-024-99	DIODE 11ES2-NTA2B	
D1521	8-719-987-63	DIODE 1N4148M	
D1525	8-719-987-63	DIODE 1N4148M	
D1751	8-719-987-63	DIODE 1N4148M	
		< FRONTEND >	
FE1	1-693-090-51	FRONT END (FM) (2 GANG)	(D560/N350:CND, E, AUX, AR, PX/N350K)
FE1	1-693-217-11	FRONT END (4 GANG) (N350:AEP, UK, G, IT)	
		< IC >	
IC1	8-759-200-60	IC TA7060AP (N350:AEP, UK, G, IT)	
IC2	8-759-200-60	IC TA7060AP (N350:AEP, UK, G, IT)	
IC3	8-759-176-03	IC LA1835	
IC51	8-759-288-54	IC LC72130	
IC901	8-759-289-38	IC HA12195NT	(D560/N350:CND, AEP, UK, G, IT)
IC901	8-759-289-39	IC HA12196NT	(N350:E, AUS, MX, AR, PX/N350K)
IC902	8-759-822-09	IC LB1641	
IC1001	8-759-634-51	IC M5218AP	
IC1002	8-759-000-48	IC MC14052BCP	
IC1003	8-759-140-53	IC uPD4053BC	
IC1051	8-759-354-84	IC TMP87CP64F-6298	
IC1052	8-759-269-92	IC SN74HCU04ANS-E20	
IC1101	8-759-291-98	IC M62423FP	
IC1131	8-759-281-42	IC TC9210P	
IC1202	8-759-111-68	IC uPC1237HA	
IC1341	8-759-820-13	IC L78MR06	
		< IFT >	
IFT1	1-409-636-11	TRANSFORMER, IF (CERAMIC FILTER)	
		< JACK >	
* J1001	1-580-912-11	JACK, PIN 4P	

Ref. No.	Part No.	Description	Remark
		< COIL >	
L1	1-407-500-00	INDUCTOR 4.7mH (N350:AEP, UK)	
L1	1-410-688-31	INDUCTOR 1.5mH (D560/N350:CND, E, AUS, MX, AR, PX, G, IT/N350K)	
L2	1-410-525-11	INDUCTOR 220uH (N350:AEP, UK)	
L31	1-414-142-11	INDUCTOR 1uH (N350:G, IT)	
L1201	1-420-872-00	COIL, AIR-CORE	
L1251	1-420-872-00	COIL, AIR-CORE	
L1501	1-410-509-11	INDUCTOR 10uH	
		< FILTER >	
LPF1	1-239-597-11	FILTER, LOW PASS (D560/N350:CND, AEP, UK, G, IT)	
LPF2	1-239-597-11	FILTER, LOW PASS (D560/N350:CND, AEP, UK, G, IT)	
		< TRANSISTOR >	
Q1	8-729-230-99	TRANSISTOR 2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
Q2	8-729-230-99	TRANSISTOR 2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
Q3	8-729-230-99	TRANSISTOR 2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
Q4	8-729-230-99	TRANSISTOR 2SC2669-OY (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
Q5	8-729-422-57	TRANSISTOR UN4111	
Q6	8-729-119-76	TRANSISTOR 2SA1175-HFE (N350:AEP, UK/N350K:EA)	
Q7	8-729-119-76	TRANSISTOR 2SA1175-HFE (N350:AEP, UK/N350K:EA)	
Q8	8-729-900-80	TRANSISTOR DTC114ES (N350:AEP, UK/N350K:EA)	
Q9	8-729-900-80	TRANSISTOR DTC114ES (N350:AEP, UK/N350K:EA)	
Q10	8-729-900-80	TRANSISTOR DTC114ES (N350:AEP, UK/N350K:EA)	
Q11	8-729-900-80	TRANSISTOR DTC114ES (N350:AEP, UK/N350K:EA)	
Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q801	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q901	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q902	8-729-900-65	TRANSISTOR DTA144ES	
Q903	8-729-801-93	TRANSISTOR 2SD1387	
Q904	8-729-111-29	TRANSISTOR 2SD1616A-K (N350:AEP, UK, G, IT)	
Q905	8-729-111-29	TRANSISTOR 2SD1616A-K (N350:AEP, UK, G, IT)	
Q906	8-729-900-80	TRANSISTOR DTC114ES	
Q907	8-729-422-57	TRANSISTOR UN4111	
Q908	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q909	8-729-900-80	TRANSISTOR DTC114ES	
Q910	8-729-900-65	TRANSISTOR DTA144ES	
Q911	8-729-900-65	TRANSISTOR DTA144ES	
Q912	8-729-900-65	TRANSISTOR DTA144ES	
Q1001	8-729-900-80	TRANSISTOR DTC114ES (D560/N350)	
Q1002	8-729-900-80	TRANSISTOR DTC114ES	
Q1003	8-729-900-80	TRANSISTOR DTC114ES (N350K)	
Q1004	8-729-900-80	TRANSISTOR DTC114ES	
Q1101	8-729-119-78	TRANSISTOR 2SC2785-HFE (D560/N350)	
Q1101	8-729-900-80	TRANSISTOR DTC114ES (N350K)	
Q1102	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1103	8-729-900-63	TRANSISTOR DTA124ES	
Q1151	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1152	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1204	8-729-900-63	TRANSISTOR DTA124ES	
Q1205	8-729-900-36	TRANSISTOR DTC124ES	
Q1206	8-729-900-36	TRANSISTOR DTC124ES	
Q1301	8-729-111-29	TRANSISTOR 2SD1616A-K	
Q1303	8-729-900-36	TRANSISTOR DTC124ES	
Q1321	8-729-118-00	TRANSISTOR 2SB1116-L	
Q1322	8-729-118-00	TRANSISTOR 2SB1116-L	
Q1361	8-729-118-00	TRANSISTOR 2SB1116-L	
Q1362	8-729-900-36	TRANSISTOR DTC124ES	
Q1501	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1511	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q1801	8-729-119-78	TRANSISTOR 2SC2785-HFE	
		< RESISTOR >	
R1	1-249-941-11	CARBON 330 5% 1/4W (N350:AEP, UK, G, IT)	
R2	1-249-941-11	CARBON 330 5% 1/4W (N350:AEP, UK, G, IT)	
⚠R4	1-249-401-11	CARBON 47 5% 1/4W F	
R5	1-249-411-11	CARBON 330 5% 1/4W	
R6	1-249-433-11	CARBON 22K 5% 1/4W	
R7	1-249-411-11	CARBON 330 5% 1/4W	
R8	1-249-411-11	CARBON 330 5% 1/4W F (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
R9	1-249-433-11	CARBON 22K 5% 1/4W	
R10	1-249-411-11	CARBON 330 5% 1/4W	
R11	1-249-433-11	CARBON 22K 5% 1/4W	
R12	1-249-411-11	CARBON 330 5% 1/4W	
R13	1-249-411-11	CARBON 330 5% 1/4W (N350K:EA)	
R14	1-249-433-11	CARBON 22K 5% 1/4W	
⚠R15	1-249-405-11	CARBON 100 5% 1/4W F	
R16	1-249-442-11	CARBON 510 5% 1/4W	
⚠R17	1-249-403-11	CARBON 68 5% 1/4W F	
R18	1-247-843-11	CARBON 3.3K 5% 1/4W	
R19	1-249-441-11	CARBON 100K 5% 1/4W	
R20	1-249-429-11	CARBON 10K 5% 1/4W	
R21	1-249-425-11	CARBON 4.7K 5% 1/4W F	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

MAIN

Ref. No.	Part No.	Description					Remark
R22	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R23	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R24	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R25	1-249-429-11	CARBON	10K	5%	1/4W		
R26	1-249-429-11	CARBON	10K	5%	1/4W		
			(N350:AEP, UK/N350K:EA)				
R27	1-249-437-11	CARBON	47K	5%	1/4W		
R40	1-249-395-11	CARBON	15	5%	1/4W	F	
							(N350K:EA)
R40	1-249-399-11	CARBON	33	5%	1/4W	F	
			(D560/N350/N350K:E, MY, SP)				
R41	1-249-429-11	CARBON	10K	5%	1/4W		
			(N350:AEP, UK/N350K:EA)				
R42	1-249-429-11	CARBON	10K	5%	1/4W		
			(N350:AEP, UK/N350K:EA)				
R43	1-249-441-11	CARBON	100K	5%	1/4W		
R44	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
			(N350:AEP, UK/N350K:EA)				
R45	1-249-437-11	CARBON	47K	5%	1/4W		
R46	1-247-903-00	CARBON	1M	5%	1/4W		
							(N350:AEP, UK)
R47	1-249-433-11	CARBON	22K	5%	1/4W		
			(N350:AEP, UK/N350K:EA)				
R48	1-249-437-11	CARBON	47K	5%	1/4W		
							(N350:AEP, UK)
R49	1-247-903-00	CARBON	1M	5%	1/4W		
							(N350K:EA)
⚠R50	1-249-401-11	CARBON	47	5%	1/4W	F	
R51	1-247-843-11	CARBON	3.3K	5%	1/4W		
R52	1-249-429-11	CARBON	10K	5%	1/4W		
R53	1-247-843-11	CARBON	3.3K	5%	1/4W		
R55	1-249-417-11	CARBON	1K	5%	1/4W	F	
R56	1-249-417-11	CARBON	1K	5%	1/4W	F	
			(N350:AEP, UK/N350K:EA)				
R57	1-249-429-11	CARBON	10K	5%	1/4W		
			(N350:AEP, UK/N350K:EA)				
R58	1-249-417-11	CARBON	1K	5%	1/4W	F	
R59	1-249-417-11	CARBON	1K	5%	1/4W	F	
⚠R60	1-249-405-11	CARBON	100	5%	1/4W	F	
R61	1-247-843-11	CARBON	3.3K	5%	1/4W		
R62	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R63	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R64	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R65	1-247-807-31	CARBON	100	5%	1/4W		
R66	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R71	1-247-843-11	CARBON	3.3K	5%	1/4W		
							(N350:AEP, UK)
R72	1-249-433-11	CARBON	22K	5%	1/4W		
							(N350:AEP, UK)
R73	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
							(N350:AEP, UK)
R74	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
							(N350:AEP, UK)
R75	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
							(N350:AEP, UK)
R701	1-249-430-11	CARBON	12K	5%	1/4W		
R702	1-249-431-11	CARBON	15K	5%	1/4W		
R703	1-215-451-00	METAL	18K	1%	1/4W		
			(D560/N350:CND, AEP, UK, G, IT)				
R704	1-249-428-11	CARBON	8.2K	5%	1/4W	F	
R705	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R706	1-249-429-11	CARBON	10K	5%	1/4W		
R707	1-249-429-11	CARBON	10K	5%	1/4W		
R708	1-249-429-11	CARBON	10K	5%	1/4W		
R709	1-249-429-11	CARBON	10K	5%	1/4W		
R710	1-249-429-11	CARBON	10K	5%	1/4W		
R711	1-249-429-11	CARBON	10K	5%	1/4W		
R712	1-249-429-11	CARBON	10K	5%	1/4W		
			(D560/N350:CND, AEP, UK, G, IT)				
R713	1-249-429-11	CARBON	10K	5%	1/4W		
			(D560/N350:CND, AEP, UK, G, IT)				
R714	1-249-420-11	CARBON	1.8K	5%	1/4W	F	
R715	1-249-433-11	CARBON	22K	5%	1/4W		
R716	1-249-421-11	CARBON	2.2K	5%	1/4W	F	
R717	1-249-428-11	CARBON	8.2K	5%	1/4W	F	
R718	1-249-417-11	CARBON	1K	5%	1/4W	F	
R801	1-249-430-11	CARBON	12K	5%	1/4W		
R802	1-249-431-11	CARBON	15K	5%	1/4W		
R804	1-249-428-11	CARBON	8.2K	5%	1/4W	F	
R805	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R806	1-247-882-11	CARBON	130K	5%	1/4W		
R807	1-247-866-11	CARBON	30K	5%	1/4W		
R808	1-247-864-11	CARBON	24K	5%	1/4W		
R809	1-249-429-11	CARBON	10K	5%	1/4W		
			(D560/N350:CND, AEP, UK, G, IT)				
R814	1-249-420-11	CARBON	1.8K	5%	1/4W	F	
R815	1-249-433-11	CARBON	22K	5%	1/4W		
R816	1-249-421-11	CARBON	2.2K	5%	1/4W	F	
R817	1-249-428-11	CARBON	8.2K	5%	1/4W	F	
R818	1-249-417-11	CARBON	1K	5%	1/4W	F	
R901	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R902	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R903	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R904	1-249-417-11	CARBON	1K	5%	1/4W	F	
R905	1-249-437-11	CARBON	47K	5%	1/4W		
R906	1-249-437-11	CARBON	47K	5%	1/4W		
R907	1-249-437-11	CARBON	47K	5%	1/4W		
R908	1-249-437-11	CARBON	47K	5%	1/4W		
R914	1-249-433-11	CARBON	22K	5%	1/4W		
R915	1-249-433-11	CARBON	22K	5%	1/4W		
R916	1-249-411-11	CARBON	330	5%	1/4W		
R917	1-249-427-11	CARBON	6.8K	5%	1/4W	F	
R918	1-249-429-11	CARBON	10K	5%	1/4W		
R920	1-249-429-11	CARBON	10K	5%	1/4W		

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Ref. No.	Part No.	Description					Remark
R921	1-249-417-11	CARBON	1K	5%	1/4W	F	
R922	1-249-417-11	CARBON	1K	5%	1/4W	F	
			(N350:AEP, UK, G, IT)				
R923	1-249-417-11	CARBON	1K	5%	1/4W	F	
			(N350:AEP, UK, G, IT)				
R924	1-249-381-11	CARBON	1	5%	1/4W	F	
			(N350:AEP, UK, G, IT)				
R925	1-249-381-11	CARBON	1	5%	1/4W	F	
			(N350:AEP, UK, G, IT)				
R926	1-249-381-11	CARBON	1	5%	1/4W	F	
			(N350:AEP, UK, G, IT)				
R1001	1-249-417-11	CARBON	1K	5%	1/4W	F	
			(N350:AEP, UK, G, IT)				
R1002	1-249-417-11	CARBON	1K	5%	1/4W	F	
R1003	1-249-437-11	CARBON	47K	5%	1/4W		
R1004	1-249-416-11	CARBON	820	5%	1/4W	F	
			(D560/N350:CND, AEP, UK, G, IT)				
R1004	1-249-419-11	CARBON	1.5K	5%	1/4W	F	
			(N350:E, AUS, MX, AR, PX/N350K)				
R1005	1-247-897-11	CARBON	560K	5%	1/4W		
R1006	1-249-437-11	CARBON	47K	5%	1/4W		
R1007	1-249-422-11	CARBON	2.7K	5%	1/4W	F	
R1008	1-249-427-11	CARBON	6.8K	5%	1/4W	F	
R1009	1-249-409-11	CARBON	220	5%	1/4W	F	
			(N350:AEP, UK, G, IT)				
R1011	1-249-429-11	CARBON	10K	5%	1/4W		
R1012	1-249-429-11	CARBON	10K	5%	1/4W		
R1013	1-249-429-11	CARBON	10K	5%	1/4W		
R1014	1-249-429-11	CARBON	10K	5%	1/4W		
R1021	1-249-422-11	CARBON	2.7K	5%	1/4W	F	
R1022	1-249-427-11	CARBON	6.8K	5%	1/4W	F	
R1049	1-249-441-11	CARBON	100K	5%	1/4W		
R1051	1-249-417-11	CARBON	1K	5%	1/4W	F	
			(N350:AEP, UK, G, IT)				
R1052	1-249-417-11	CARBON	1K	5%	1/4W	F	
R1053	1-249-437-11	CARBON	47K	5%	1/4W		
R1054	1-249-416-11	CARBON	820	5%	1/4W	F	
			(D560/N350:CND, AEP, UK, G, IT)				
R1054	1-249-419-11	CARBON	1.5K	5%	1/4W	F	
			(N350:E, AUS, MX, AR, PX/N350K)				
R1055	1-247-897-11	CARBON	560K	5%	1/4W		
R1056	1-249-437-11	CARBON	47K	5%	1/4W		
R1057	1-249-422-11	CARBON	2.7K	5%	1/4W	F	
R1058	1-249-427-11	CARBON	6.8K	5%	1/4W	F	
R1059	1-249-409-11	CARBON	220	5%	1/4W	F	
			(N350:AEP, UK, G, IT)				
R1059	1-249-425-11	CARBON	4.7K	5%	1/4W	(N350K)	
R1071	1-249-422-11	CARBON	2.7K	5%	1/4W	F	
R1072	1-249-427-11	CARBON	6.8K	5%	1/4W	F	
R1099	1-249-441-11	CARBON	100K	5%	1/4W		
R1100	1-249-439-11	CARBON	68K	5%	1/4W		
			(D560/N350:CND, AEP, UK, G, IT)				

Ref. No.	Part No.	Description					Remark
R1100	1-249-441-11	CARBON	100K	5%	1/4W		
			(N350:E, AUS, MX, AR, PX/N350K)				
R1131	1-249-441-11	CARBON	100K	5%	1/4W		
R1141	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R1142	1-249-437-11	CARBON	47K	5%	1/4W		
R1143	1-249-433-11	CARBON	22K	5%	1/4W		
R1144	1-249-429-11	CARBON	10K	5%	1/4W		
R1145	1-249-433-11	CARBON	22K	5%	1/4W		
R1146	1-249-407-11	CARBON	150	5%	1/4W	F	
R1149	1-249-417-11	CARBON	1K	5%	1/4W	(N350K)	
R1150	1-249-439-11	CARBON	68K	5%	1/4W		
			(D560/N350:CND, AEP, UK, G, IT)				
R1150	1-249-441-11	CARBON	100K	5%	1/4W		
			(N350:E, AUS, MX, AR, PX/N350K)				
R1159	1-249-425-11	CARBON	4.7K	5%	1/4W	(N350K)	
R1181	1-249-441-11	CARBON	100K	5%	1/4W		
R1191	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R1194	1-249-429-11	CARBON	10K	5%	1/4W		
R1195	1-249-433-11	CARBON	22K	5%	1/4W		
R1196	1-249-407-11	CARBON	150	5%	1/4W	F	
R1220	1-249-389-11	CARBON	4.7	5%	1/4W	F	
R1221	1-249-389-11	CARBON	4.7	5%	1/4W	F	
R1222	1-249-409-11	CARBON	220	5%	1/4W	F	
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
R1222	1-249-413-11	CARBON	470	5%	1/4W		
						(D560/N350:CND)	
R1223	1-249-409-11	CARBON	220	5%	1/4W	F	
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
R1223	1-249-413-11	CARBON	470	5%	1/4W		
						(D560/N350:CND)	
⚠R1226	1-216-454-11	METAL OXIDE	390	5%	2W	F	
						(N350:AEP, UK, G, IT)	
⚠R1226	1-215-917-11	METAL OXIDE	1K	5%	3W	F	
						(D560/N350:CND)	
⚠R1226	1-216-456-00	METAL OXIDE	820	5%	2W	F	
			(N350:E, AUS, MX, AR, PX/N350K)				
R1233	1-247-854-11	CARBON	9.1K	5%	1/4W		
						(D560/N350:CND)	
R1233	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
R1234	1-247-854-11	CARBON	9.1K	5%	1/4W		
						(D560/N350:CND)	
R1234	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
R1235	1-249-435-11	CARBON	33K	5%	1/4W		
			(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)				
R1235	1-249-437-11	CARBON	47K	5%	1/4W		
						(D560/N350:CND)	
R1236	1-249-441-11	CARBON	100K	5%	1/4W		
R1237	1-249-429-11	CARBON	10K	5%	1/4W		
R1240	1-249-438-11	CARBON	56K	5%	1/4W		
R1241	1-249-397-11	CARBON	22	5%	1/4W	F	
R1246	1-249-421-11	CARBON	2.2K	5%	1/4W	F	

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MAIN

Ref. No.	Part No.	Description				Remark
R1248	1-249-389-11	CARBON	4.7	5%	1/4W	F
						(N350:AEP, UK, G, IT)
R1249	1-249-389-11	CARBON	4.7	5%	1/4W	F
						(N350:AEP, UK, G, IT)
R1270	1-249-389-11	CARBON	4.7	5%	1/4W	F
R1271	1-249-389-11	CARBON	4.7	5%	1/4W	F
R1272	1-249-409-11	CARBON	220	5%	1/4W	F
						(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1272	1-249-413-11	CARBON	470	5%	1/4W	
						(D560/N350:CND)
R1273	1-249-409-11	CARBON	220	5%	1/4W	F
						(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1273	1-249-413-11	CARBON	470	5%	1/4W	
						(D560/N350:CND)
R1290	1-249-437-11	CARBON	47K	5%	1/4W	
R1296	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R1298	1-249-389-11	CARBON	4.7	5%	1/4W	F
						(N350:AEP, UK, G, IT)
R1299	1-249-389-11	CARBON	4.7	5%	1/4W	F
						(N350:AEP, UK, G, IT)
R1303	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R1304	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R1311	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R1316	1-249-393-11	CARBON	10	5%	1/4W	F
R1321	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R1322	1-249-397-11	CARBON	22	5%	1/4W	F
R1323	1-249-397-11	CARBON	22	5%	1/4W	F
R1341	1-249-417-11	CARBON	1K	5%	1/4W	F
R1342	1-249-429-11	CARBON	10K	5%	1/4W	
R1361	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R1362	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R1501	1-249-433-11	CARBON	22K	5%	1/4W	
R1502	1-249-433-11	CARBON	22K	5%	1/4W	
R1503	1-249-433-11	CARBON	22K	5%	1/4W	
R1511	1-249-429-11	CARBON	10K	5%	1/4W	
R1513	1-249-433-11	CARBON	22K	5%	1/4W	(N350K)
R1512	1-249-433-11	CARBON	22K	5%	1/4W	
R1520	1-249-433-11	CARBON	22K	5%	1/4W	
R1521	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R1522	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350K:EA)
R1522	1-249-433-11	CARBON	22K	5%	1/4W	
						(EXCEPT N350K:EA)
R1524	1-249-429-11	CARBON	10K	5%	1/4W	
R1525	1-249-429-11	CARBON	10K	5%	1/4W	
R1526	1-249-429-11	CARBON	10K	5%	1/4W	
R1527	1-249-429-11	CARBON	10K	5%	1/4W	(N350K)
R1528	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350K:E3, MY, SP)
R1529	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350:AEP, UK, G, IT/N350K:EA)

Ref. No.	Part No.	Description				Remark
R1529	1-249-431-11	CARBON	15K	5%	1/4W	
						(N350:AUS/N350K:E3, MY, SP)
R1529	1-249-433-11	CARBON	22K	5%	1/4W	
						(N350:E, MX, AR, PX)
R1530	1-247-843-11	CARBON	3.3K	5%	1/4W	F
						(N350K)
R1530	1-249-429-11	CARBON	10K	5%	1/4W	
						(N350:E, AUS, MX, AR, PX, G, IT)
R1530	1-249-433-11	CARBON	22K	5%	1/4W	
						(N350:AEP, UK)
R1531	1-249-429-11	CARBON	10K	5%	1/4W	
R1533	1-249-429-11	CARBON	10K	5%	1/4W	
R1541	1-249-429-11	CARBON	10K	5%	1/4W	
R1542	1-249-429-11	CARBON	10K	5%	1/4W	
R1543	1-249-429-11	CARBON	10K	5%	1/4W	
R1544	1-249-429-11	CARBON	10K	5%	1/4W	
R1545	1-249-429-11	CARBON	10K	5%	1/4W	
R1551	1-247-807-31	CARBON	100	5%	1/4W	
R1552	1-247-807-31	CARBON	100	5%	1/4W	
R1554	1-247-807-31	CARBON	100	5%	1/4W	
R1555	1-247-807-31	CARBON	100	5%	1/4W	
R1556	1-247-807-31	CARBON	100	5%	1/4W	
R1557	1-247-807-31	CARBON	100	5%	1/4W	
R1561	1-247-807-31	CARBON	100	5%	1/4W	(N350K)
R1562	1-247-807-31	CARBON	100	5%	1/4W	(N350K)
R1563	1-247-807-31	CARBON	100	5%	1/4W	(N350K)
R1564	1-247-807-31	CARBON	100	5%	1/4W	(N350K)
R1571	1-249-429-11	CARBON	10K	5%	1/4W	
R1575	1-249-437-11	CARBON	47K	5%	1/4W	
R1754	1-247-807-31	CARBON	100	5%	1/4W	
R1755	1-249-429-11	CARBON	10K	5%	1/4W	
R1756	1-247-807-31	CARBON	100	5%	1/4W	
R1757	1-247-807-31	CARBON	100	5%	1/4W	
R1758	1-247-807-31	CARBON	100	5%	1/4W	
R1759	1-249-417-11	CARBON	1K	5%	1/4W	F
R1760	1-247-807-31	CARBON	100	5%	1/4W	
R1762	1-247-807-31	CARBON	100	5%	1/4W	
R1764	1-247-807-31	CARBON	100	5%	1/4W	
R1766	1-247-807-31	CARBON	100	5%	1/4W	
R1767	1-247-807-31	CARBON	100	5%	1/4W	
R1768	1-247-807-31	CARBON	100	5%	1/4W	
R1770	1-247-807-31	CARBON	100	5%	1/4W	
R1801	1-249-437-11	CARBON	47K	5%	1/4W	
R1802	1-249-437-11	CARBON	47K	5%	1/4W	
R1803	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R1804	1-247-895-00	CARBON	470K	5%	1/4W	
R1805	1-249-416-11	CARBON	820	5%	1/4W	F
R1806	1-247-895-00	CARBON	470K	5%	1/4W	
⚠R4001	1-217-639-00	FUSIBLE	2.2	5%	1/4W	F
						(N350:E, AUS, MX, AR, PX/N350K)

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Ref. No.	Part No.	Description	Remark
		< COMPOSITION CIRCUIT BLOCK >	
RB1	1-236-777-11	ENCAPSULATED COMPONENT (N350K:EA)	
RB1	1-239-260-11	ENCAPSULATED COMPONENT (N350:E, AUS, MX, AR, PX, G, IT/N350K:E3, MY, SP)	
RB1	1-239-634-11	ENCAPSULATED COMPONENT, AM. RF	(D560/N350:CND)
RB1	1-239-876-11	ENCAPSULATED COMPONENT (N350:AEP, UK)	
RB2	1-236-463-11	ENCAPSULATED COMPONENT (N350:AEP, UK)	
		< VARIABLE RESISTOR >	
RV1	1-238-601-11	RES, ADJ, CARBON 22K	
RV2	1-238-601-11	RES, ADJ, CARBON 22K	
RV701	1-238-600-11	RES, ADJ, CARBON 10K	
RV801	1-238-600-11	RES, ADJ, CARBON 10K	
		< RELAY >	
RY1201	1-515-356-00	RELAY (D560/N350:CND)	
RY1201	1-515-920-11	RELAY (24V) (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)	
		< TRANSFORMER >	
T1	1-402-424-11	COIL (ANT, SW3) (N350K:EA)	
T2	1-402-960-11	COIL (OSC SW3) (N350K:EA)	
		< TERMINAL >	
TM1	1-537-238-21	TERMINAL BOARD (ANTENNA) (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
TM1	1-537-488-11	TERMINAL BOARD (ANT) (N350:AEP, UK, G, IT)	
TM1201	1-537-240-31	TERMINAL BOARD (CHECKER PIN) (SPEAKERS) (D560/N350:CND, E, AUS, MX, AR, PX/N350K)	
TM1201	1-537-801-11	TERMINAL BOARD (SPEAKERS)	(N350:AEP, UK, G, IT)
TM1202	1-537-240-31	TERMINAL BOARD (CHECKER PIN)	(SURROUND SPEAKERS) (N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
		< VIBRATOR >	
X1501	1-579-952-21	VIBRATOR, CERAMIC (8MHz)	
X1502	1-567-098-61	VIBRATOR, CRYSTAL (32.768kHz)	
		< VIBRATOR >	
XT51	1-760-549-11	VIBRATOR, CRYSTAL (4.5MHz)	

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Ref. No.	Part No.	Description	Remark
*	A-4377-077-A	POWER AMP BOARD, COMPLETE **********	(N350:AEP, UK, G, IT)
*	A-4377-097-A	POWER AMP BOARD, COMPLETE **********	(D560/N350:CND)
*	A-4377-122-A	POWER AMP BOARD, COMPLETE **********	(N350:E, AUS, MX, AR, PX/N350K)
		< CAPACITOR >	
C1201	1-126-963-11	ELECT 4.7uF 20% 50V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1201	1-124-667-11	ELECT 10uF 20% 100V	(D560/N350:CND)
C1202	1-162-288-31	CERAMIC 330PF 10% 50V	(D560/N350:CND, AEP, UK, G, IT)
C1202	1-162-303-11	CERAMIC 0.0033uF 20% 16V	(N350:E, AUS, MX, AR, PX/N350K)
C1203	1-162-286-31	CERAMIC 220PF 10% 50V	
C1204	1-104-664-11	ELECT 47uF 20% 10V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1204	1-124-910-11	ELECT 47uF 20% 50V	(D560/N350:CND)
C1205	1-124-910-11	ELECT 47uF 20% 50V	
C1206	1-124-122-11	ELECT 100uF 20% 50V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1206	1-124-929-11	ELECT 22uF 20% 100V	(D560/N350:CND)
C1207	1-124-903-11	ELECT 1uF 20% 50V	(N350:E, AUS, MX, AR, PX/N350K)
C1207	1-126-961-11	ELECT 2.2uF 20% 50V	(N350:AEP, UK, G, IT)
C1208	1-126-965-11	ELECT 22uF 20% 50V	
C1210	1-137-374-11	FILM 0.047uF 5% 50V	(D560/N350:CND)
C1210	1-137-375-11	FILM 0.068uF 5% 50V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1211	1-137-374-11	FILM 0.047uF 5% 50V	(D560/N350:CND)
C1211	1-137-375-11	FILM 0.068uF 5% 50V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1220	1-126-925-11	ELECT 470uF 20% 10V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1220	1-126-933-11	ELECT 100uF 20% 10V	(D560/N350:CND)
C1245	1-161-494-00	CERAMIC 0.022uF 25V	(N350:AEP, UK, G, IT)
C1245	1-164-159-11	CERAMIC 0.1uF 50V	(D560/N350:CND)
C1246	1-161-494-00	CERAMIC 0.022uF 25V	(N350:AEP, UK, G, IT)
C1247	1-162-306-11	CERAMIC 0.01uF 30% 16V	(N350:AEP, UK, G, IT)

POWER AMP

Ref. No.	Part No.	Description	Remark
C1251	1-124-667-11	ELECT 10uF 20% 100V	(D560/N350:CND)
C1251	1-126-963-11	ELECT 4.7uF 20% 50V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1252	1-162-288-31	CERAMIC 330PF 10% 50V	(D560/N350:CND, AEP, UK, G, IT)
C1252	1-162-303-11	CERAMIC 0.0033uF 20% 16V	(N350:E, AUS, MX, AR, PX/N350K)
C1253	1-162-286-31	CERAMIC 220PF 10% 50V	
C1254	1-104-664-11	ELECT 47uF 20% 10V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1254	1-124-910-11	ELECT 47uF 20% 50V	(D560/N350:CND)
C1255	1-124-910-11	ELECT 47uF 20% 50V	
C1256	1-124-122-11	ELECT 100uF 20% 50V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1256	1-124-929-11	ELECT 22uF 20% 100V	(D560/N350:CND)
C1257	1-124-903-11	ELECT 1uF 20% 50V	(N350:E, AUS, MX, AR, PX/N350K)
C1257	1-126-961-11	ELECT 2.2uF 20% 50V	(N350:AEP, UK, G, IT)
C1260	1-137-374-11	FILM 0.047uF 5% 50V	(D560/N350:CND)
C1260	1-137-375-11	FILM 0.068uF 5% 50V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1261	1-137-374-11	FILM 0.047uF 5% 50V	(D560/N350:CND)
C1261	1-137-375-11	FILM 0.068uF 5% 50V	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
C1295	1-161-494-00	CERAMIC 0.022uF 25V	(N350:AEP, UK, G, IT)
C1295	1-164-159-11	CERAMIC 0.1uF 50V	(D560/N350:CND)
C1296	1-161-494-00	CERAMIC 0.022uF 25V	(N350:AEP, UK, G, IT)
		< CONNECTOR >	
* CN1203	1-564-518-11	PLUG, CONNECTOR 3P	
CN1204	1-564-511-11	PLUG, CONNECTOR 8P	
		< DIODE >	
D1201	8-719-815-85	DIODE 1S1585	(D560/N350:CND)
D1201	8-719-987-63	DIODE 1N4148M	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
D1202	8-719-987-63	DIODE 1N4148M	
D1251	8-719-815-85	DIODE 1S1585	(D560/N350:CND)
D1251	8-719-987-63	DIODE 1N4148M	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
		< IC >	
IC1201	8-749-900-34	IC STK-4182MK2	(N350:E, AUS, MX, AR, PX/N350K)
IC1201	8-749-900-96	IC STK-4142MK2	(N350:AEP, UK, G, IT)
IC1201	8-749-921-68	IC STK-4231MK2	(D560/N350:CND)
		< TRANSISTOR >	
Q1201	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q1251	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
		< RESISTOR >	
R1201	1-249-417-11	CARBON 1K 5% 1/4W F	
R1202	1-249-437-11	CARBON 47K 5% 1/4W	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1202	1-249-438-11	CARBON 56K 5% 1/4W	(D560/N350:CND)
R1203	1-249-414-11	CARBON 560 5% 1/4W F	(D560/N350:CND)
R1203	1-249-415-11	CARBON 680 5% 1/4W	(N350:AEP, UK, G, IT)
R1203	1-249-417-11	CARBON 1K 5% 1/4W	(N350:E, AUS, MX, AR, PX/N350K)
R1204	1-249-437-11	CARBON 47K 5% 1/4W	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1204	1-249-438-11	CARBON 56K 5% 1/4W	(D560/N350:CND)
R1205	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1205	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1205	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
R1206	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1206	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1206	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
R1207	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1207	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1207	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
R1208	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1208	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1208	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
⚠R1209	1-212-881-11	FUSIBLE 100 5% 1/4W F	
⚠R1210	1-208-601-11	WIREWOUND 0.1 10% 2W F	(D560/N350:CND)
⚠R1210	1-208-602-11	WIREWOUND 0.22 10% 2W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1211	1-249-417-11	CARBON 1K 5% 1/4W F	

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Ref. No.	Part No.	Description	Remark
R1212	1-249-433-11	CARBON 22K 5% 1/4W	(D560/N350:CND)
R1212	1-249-431-11	CARBON 15K 5% 1/4W	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1213	1-249-441-11	CARBON 100K 5% 1/4W	
R1214	1-249-421-11	CARBON 2.2K 5% 1/4W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1214	1-249-424-11	CARBON 3.9K 5% 1/4W F	(D560/N350:CND)
R1215	1-249-421-11	CARBON 2.2K 5% 1/4W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1215	1-249-424-11	CARBON 3.9K 5% 1/4W F	(D560/N350:CND)
R1216	1-249-421-11	CARBON 2.2K 5% 1/4W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1216	1-249-424-11	CARBON 3.9K 5% 1/4W F	(D560/N350:CND)
R1217	1-249-421-11	CARBON 2.2K 5% 1/4W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1217	1-249-424-11	CARBON 3.9K 5% 1/4W F	(D560/N350:CND)
R1218	1-249-397-11	CARBON 22 5% 1/4W F	
R1219	1-249-397-11	CARBON 22 5% 1/4W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1228	1-247-881-00	CARBON 120K 5% 1/4W	(N350:AEP, UK, G, IT)
R1228	1-247-883-00	CARBON 150K 5% 1/4W	(N350:E, AUS, MX, AR, PX/N350K)
R1228	1-247-893-00	CARBON 390K 5% 1/4W	(D560/N350:CND)
R1230	1-249-429-11	CARBON 10K 5% 1/4W	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1230	1-249-438-11	CARBON 56K 5% 1/4W	(D560/N350:CND)
R1242	1-249-429-11	CARBON 10K 5% 1/4W	
R1243	1-249-383-11	CARBON 1.5 5% 1/6W F	
R1251	1-249-417-11	CARBON 1K 5% 1/4W F	
R1252	1-249-437-11	CARBON 47K 5% 1/4W	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1252	1-249-438-11	CARBON 56K 5% 1/4W	(D560/N350:CND)
R1253	1-249-414-11	CARBON 560 5% 1/4W F	(D560/N350:CND)
R1253	1-249-415-11	CARBON 680 5% 1/4W	(N350:AEP, UK, G, IT)
R1253	1-249-417-11	CARBON 1K 5% 1/4W	(N350:E, AUS, MX, AR, PX/N350K)
R1254	1-249-437-11	CARBON 47K 5% 1/4W	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1254	1-249-438-11	CARBON 56K 5% 1/4W	(D560/N350:CND)
R1255	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1255	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1255	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
R1256	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1256	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1256	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
R1257	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1257	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1257	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
R1258	1-249-425-11	CARBON 4.7K 5% 1/4W F	(N350:AEP, UK, G, IT)
R1258	1-249-427-11	CARBON 6.8K 5% 1/4W F	(N350:E, AUS, MX, AR, PX/N350K)
R1258	1-249-429-11	CARBON 10K 5% 1/4W	(D560/N350:CND)
⚠R1259	1-212-881-11	FUSIBLE 100 5% 1/4W F	
⚠R1260	1-208-601-11	WIREWOUND 0.1 10% 2W F	(D560/N350:CND)
⚠R1260	1-208-602-11	WIREWOUND 0.22 10% 2W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1261	1-249-417-11	CARBON 1K 5% 1/4W F	
R1262	1-249-431-11	CARBON 15K 5% 1/4W	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)
R1262	1-249-433-11	CARBON 22K 5% 1/4W	(D560/N350:CND)
R1263	1-249-441-11	CARBON 100K 5% 1/4W	
R1268	1-249-397-11	CARBON 22 5% 1/4W F	
R1269	1-249-397-11	CARBON 22 5% 1/4W F	(N350:AEP, UK, E, AUS, MX, AR, PX, G, IT/N350K)

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